

ANEXO II – MODELO DE PROPOSTA (Planilha de Preços)

(Anexo I do Contrato nº...../2024 CT SIAD 193/2024)

Objeto: Prestação do serviço de monitoramento eletrônico, com inclusão de fornecimento de equipamentos, e dos serviços de instalação, de desinstalação/reinstalação, de manutenção (com troca e reposição total de peças) e de monitoramento de todos os dispositivos de segurança eletrônica que compõem o sistema.

1) IDENTIFICAÇÃO DO LICITANTE:

Razão Social: PHOENIX TEC. EM SEGURANCA ELETRONICA LTDA		CNPJ: 13.737.510/0001-98	
Endereço: RUA GERALDO MOURÃO		Nº: 25	Sala: CASA
Bairro: PALMIERAS	Cidade: BELO HORIZONTE	CEP: 30.575-330	
Telefone: (31) 3321-2838		E-mail: wilson@phoenixseguranca.com	UF: MG
Banco: ITAÚ	Agência: 6519	Conta: 28.164-3	

2) DAS EXIGÊNCIAS DA PROPOSTA:

2.1) PRAZO DE VALIDADE DA PROPOSTA: 60 DIAS, contados da data de sua apresentação (MÍNIMO 60 dias);

2.2) PRAZO DE EXECUÇÃO DOS SERVIÇOS: As primeiras visitas serão iniciadas de imediato, devendo ser apresentado no prazo máximo de 10 (dez) dias, contados da assinatura do contrato, cronograma de execução, que deverá ser aprovado pela contratante;

2.2.1) Deverão ser observados os prazos previstos no item 13.1 do Termo de Referência (Anexo IV do Edital) e seu Apenso Único.

2.3) PRAZO DE REFAZIMENTO DOS SERVIÇOS: 05 DIAS, contados a partir da solicitação da contratante, sem ônus para a PGJ-MG (MÁXIMO 5 dias úteis);

2.4) GARANTIA DO PRODUTO/SERVIÇO – FABRICANTE, LEGAL OU CONVENCIONAL):

O prazo de garantia é aquele estabelecido na Lei nº 8.078, de 11 de setembro de 1990 (Código de Defesa do Consumidor), a partir da data de recebimento do produto ou do término da prestação do serviço, sem prejuízo de outra garantia complementar fornecida pelo fornecedor/fabricante em sua proposta comercial.

Caso haja a oferta de garantia complementar, o fornecedor deverá indicá-la abaixo.

2.5) DECLARAÇÕES: deverão ser apresentadas, juntamente com esta Proposta, declarações conforme modelo constante do Anexo V do Edital;

2.6) VISITA AO LOCAL DE PRESTAÇÃO DOS SERVIÇOS:

2.6.1) A visita técnica (facultativa) ao local da prestação dos serviços poderá ser realizada até 2 (dois) dias úteis antes da data marcada para a sessão de disputa, após agendamento pelo telefone (31) 3330-9551 com a Sra. Ana Paula Dias Capanema, setor Diretoria de Segurança;

2.6.2) Não serão aceitas alegações posteriores quanto ao desconhecimento de qualquer elemento, existência de dúvidas e outras questões que possam provocar empecilhos, atrasos ou paralisações na execução dos serviços e que poderiam ter sido observados na vistoria;

2.7) DEVERÁ(ÃO) SER APRESENTADO(S), JUNTAMENTE COM A PROPOSTA:

Manuais, catálogos, prospectos ou folders, preferencialmente em meio digital, para os itens 1 a 9 do Lote 1 (único), a fim de se averiguar se encontram-se em conformidade com os requisitos técnicos e especificações contidas no edital, que compatibilizam com sistema atual em funcionamento.

3) O PREÇO E AS ESPECIFICAÇÕES MÍNIMAS:

LOTE 1 -						
Monitoramento eletrônico, com inclusão de fornecimento de equipamentos, e dos serviços de instalação, de desinstalação/reinstalação, de manutenção (com troca e reposição total de peças)						
Aberto a todos os licitantes (ampla competição)						
Item	QTD	UND	Especificações do Item	COD. SIAD	Preço	
					Unitário	Total
1	340	Un.	Fornecimento e instalação de Central de Alarme, híbrida marca Hikivision (conforme justificativas inseridas no TR), com as especificações inseridas no Apenso único - caderno de especificações técnicas os seguintes acessórios: 01 licença para central de alarme com 64 zonas, para integração no software Hikcentral instalado no datacenter da PGJ. 01 Bateria 12V	194826-1	R\$ 1.631,25	R\$ 554.625,00

			7Ah; 01 teclado Lcd com fio 01 modulo 3G/4G com chip e plano de dados incluso; 01 modulo receptor 02 controles remotos 01 sirene Todos os equipamentos e acessórios conforme as especificações inseridas no Apenso único.			
2	50	Un.	Fornecimento e instalação de teclado com fio com as especificações inseridas no Apenso único - caderno de especificações técnicas.	194825-3	R\$ 224,20	R\$ 11.210,00
3	80	Un.	Fornecimento e instalação de controle remoto com as especificações inseridas no Apenso único - caderno de especificações técnicas.	1947346	R\$ 90,00	R\$ 7.200,00
4	900	Un.	Fornecimento e instalação de sensor sem fio com as especificações inseridas no Apenso único - caderno de especificações técnicas.	1947354	R\$ 135,85	R\$ 122.265,00
5	100	Un.	Fornecimento e instalação de receptor de sinal sem fio com as especificações inseridas no Apenso único -	1947362	R\$ 162,45	R\$ 16.245,00

			caderno de especificações técnicas.			
6	100	Un.	Fornecimento e instalação de sensor magnético sem fio para portas e janelas com as especificações inseridas no Apenso único - caderno de especificações técnicas.	1947370	R\$ 80,47	R\$ 8.047,00
7	50	Un.	Fornecimento e instalação de Sensor de barreira infravermelho ativo multifeixes com as especificações inseridas no Apenso único - caderno de especificações técnicas.	194868-7	R\$ 403,48	R\$ 20.174,00
8	50	Un.	Fornecimento e instalação de expansor de zonas para central híbrida modelo com as especificações inseridas no Apenso único - caderno de especificações técnicas.	1947389	R\$ 135,19	R\$ 6.759,50
9	100	Un.	Fornecimento e instalação de sensor de presença externo com fio com as especificações inseridas no Apenso único - caderno de especificações técnicas.	194935-7	R\$ 275,50	R\$ 27.550,00
10	01	Un.	Serviço de desinstalação/reinstalação de sistemas de alarme por motivo de mudança de endereço ou alteração de layout, conforme especificações	00003620	RS 358,70	R\$ 17.935,00

			inseridas no Apenso único - caderno de especificações técnicas. Deverá ser considerado o valor para desinstalação/reinstalação de 50 unidades. O valor total será dividido por 50 para se chegar ao valor de cada unidade.				
Item	QTD	UND	Especificações do Item	COD. SIAD	Unitário	Mensal	Total/36 meses
11	01	Un.	Serviço de manutenção e reparo nos sistemas de alarme, incluindo troca e reposição de peças, equipamentos, materiais e acessórios, pelo período de 36 MESES A licitante terá como referência para formação do preço a quantidade de equipamentos e número de cidades indicadas neste Termo de Referência e seu Apenso. O valor total mensal indicado pelo licitante será rateado entre 340 pontos de atendimento, a fim de formar o preço unitário, se valendo do mesmo parâmetro para o valor anual total.	00003620	R\$ 100,00	R\$ 34.000,00	R\$ 1.224.000,00
12	01	Un.	Serviço de Monitoramento de Alarme 24 horas em 340 pontos, com fornecimento e manutenção do CHIP e plano de Dados para comunicação	00004740	R\$ 110,00	R\$ 37,400,00	R\$ 1.346.400,00

		3G/4G, conforme especificações deste termo de referência e seu apenso. "A licitante terá como referência para formação do preço a quantidade de equipamentos e número de cidades indicadas nesse Termo de Referência." O valor total mensal indicado pelo licitante será rateado entre 340 pontos de atendimento, a fim de formar o preço unitário, se valendo do mesmo parâmetro para o valor anual total.				
PREÇO TOTAL DO LOTE						
R\$ 3.662.410,50						

(*)Caso aplicável, informar valor com e sem ICMS. É de responsabilidade do licitante o conhecimento da carga tributária aplicável à presente contratação.

Belo Horizonte, 19 de Setembro de 2024.



Representante Legal:

Wilson Cezar Duarte Araújo - RG: MG 6.071.909

13.737.510/0001-98
 INSC. EST. 002.674.810.00-54
 INSC. MUN. 0291.585/001-6
Phoenix Tecnologia em Segurança
Eletronica Ltda - ME
 Rua Geraldo Mourão, nº 25
 Bairro Buritis - CEP 30575-330
 BELO HORIZONTE - MG



MINISTÉRIO PÚBLICO DO ESTADO DE MINAS GERAIS
PROCURADORIA-GERAL DE JUSTIÇA
DIRETORIA DE GESTÃO DE COMPRAS E LICITAÇÕES

ANEXO V – DECLARAÇÕES

Processo Licitatório nº 193/2024

Objeto: Prestação de serviço de monitoramento eletrônico, com inclusão de fornecimento de equipamentos, e dos serviços de instalação, de desinstalação/reinstalação, de manutenção (com troca e reposição total de peças) e de monitoramento de todos os dispositivos de segurança eletrônica que compõem o sistema.

Pelo presente, a empresa **PHOENIX TECNOLOGIA EM SEGURANÇA ELETRONICA LTDA** inscrita no CNPJ nº 13.737.510/0001-98, por intermédio de seu representante legal, **WILSON CEZAR DUARTE**, portador(a) da Carteira de Identidade nº **MG-6071-909** e do CPF nº **035.946.506-42**, **DECLARA**, sob as penas da legislação aplicável, que:

DECLARAÇÃO	DECLARA	NÃO SE APLICA
1. Manifesta ciência em relação ao inteiro teor do ato convocatório e dos seus anexos, concorda com suas condições, declara que a sua proposta econômica compreenderá a integralidade dos custos, nos termos do art. 63, §1º, da Lei Federal nº 14.133/21, para atendimento dos direitos trabalhistas assegurados na Constituição Federal de 1988, nas leis trabalhistas, nas normas infralegais, nas convenções coletivas de trabalho e nos termos de ajustamento de conduta vigentes na data da sua entrega em definitivo;	X	
2. Inexiste impedimento à sua habilitação, e comunicará a superveniência de ocorrência impeditiva ao órgão ou entidade Contratante;	X	
3. Cumpre o disposto no inciso XXXIII do art. 7º da Constituição Federal de 1988, que proíbe o trabalho noturno, perigoso ou insalubre a menores de dezoito e de qualquer trabalho a menores de dezesseis anos, salvo na condição de aprendiz, a partir de quatorze	X	



MINISTÉRIO PÚBLICO DO ESTADO DE MINAS GERAIS
PROCURADORIA-GERAL DE JUSTIÇA
DIRETORIA DE GESTÃO DE COMPRAS E LICITAÇÕES

anos;		
4. Cumpre as exigências de reserva de cargos para pessoa com deficiência e para reabilitação da Previdência Social, previstas em lei nos termos do art. 93 da Lei Federal nº 8.213, de 1991 e em outras normas específicas, conforme previsto no inciso IV do art. 63 da Lei Federal nº 14.133/21;	X	
5. Se responsabiliza pelas transações que forem efetuadas no sistema em seu nome, assumindo-as como firmes e verdadeiras;	X	
6. Se fornecedor beneficiário (ME/EPP/Equiparadas) indicado no caput do art. 3º do Decreto Estadual nº 47.437, de 2018, declara que:		
6.1. Cumpre os requisitos estabelecidos no artigo 3º da Lei Complementar Federal nº 123, de 2006, estando apto a usufruir do tratamento favorecido estabelecido em seus artigos 42 a 49, observado o disposto nos §§ 1º ao 3º do art. 4º, da Lei Federal nº 14.133/21;	X	
6.2. Caso possua restrição no(s) documento(s) de regularidade fiscal, assume o compromisso de promover a regularização caso venha a formular o lance vencedor, cumprindo plenamente os demais requisitos de habilitação.	X	
7. Participa da licitação sob a forma de cooperativa e atende ao disposto no art. 16 da Lei Federal nº 14.133/21;		X
8. Possui ciência em relação a todas as informações e condições locais para o cumprimento das obrigações	X	



MINISTÉRIO PÚBLICO DO ESTADO DE MINAS GERAIS
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objeto da licitação;		
9. Não possui em seu quadro societário funcionário com vínculo de natureza técnica, comercial, econômica, financeira, trabalhista ou civil, ou que seja cônjuge, companheiro ou parente em linha reta, colateral ou por afinidade, até o terceiro grau, inclusive, de membros ocupantes de cargos de direção ou no exercício de funções administrativas, assim como de servidores ocupantes de cargos de direção, chefia e assessoramento vinculados direta ou indiretamente às unidades situadas na linha hierárquica da área encarregada da licitação, inclusive no período compreendido entre os 6 (seis) meses anteriores à publicação deste Edital até a presente data (Resolução 37/09 do CNMP, alterada pela Resolução nº 172/17, c/c o art. 14, IV, da Lei Federal nº 14.133/21). Possui ciência sobre a vedação de contratar cônjuge, companheiro ou parente em linha reta, colateral ou por afinidade, até o terceiro grau, de dirigente do órgão ou entidade contratante ou de agente público que desempenhe função na licitação ou atue na fiscalização ou na gestão do contrato. (art. 48, § único, da Lei Federal nº 14.133/21). Não está sob controle de grupo de pessoas, físicas ou jurídicas, já participante desta licitação como controlador de outra empresa.	X	
Obs.: O preenchimento deste <i>checklist</i> não exige o licitante da apresentação de eventuais outras declarações exigidas no edital e não abrangidas neste documento.		

*N/A = Não se aplica

Belo Horizonte, 19 de setembro de 2024

Assinatura do representante legal

13.737.510/0001-98
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BELO HORIZONTE - MG

Non-Rechargeable Battery

Chemical Composition
CARBON BLACK
FE
MANGANESE DIOXIDE
GRAPHITE
PTFE
1,3-DIOXOLAN-2-ONE, 4-METHYL
LITHIUM PERCHLORATE
1,3-DIOXOLANE
1,2-DIMETHOXYETHANE
1-PROPENE, HOMOPOLYMER
N-(2,4,5-TRICHLOROPHENYL)ACETAMIDE
MAGNESIUM SILICATE TALC
PARAFFIN-OILS
FIBROUS GLASS
2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH BUTYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE
LI
CHROMIUM
SI
P
NICKEL
SULFUR
C
MANGANESE

Batterie

Chemische Zusammensetzung
RUSS
FE
MANGANDIOXID
GRAPHIT
PTFE
1,3-DIOXOLAN-2-ONE, 4-METHYL
LITHIUMPERCHLORAT
1,3-DIOXOLAN
1,2-DIMETHOXYETHAN
1-PROPEN, HOMOPOLYMER
N-(2,4,5-TRICHLOROPHENYL)ACETAMID
MAGNESIUM-SILIKAT-TALK
PARAFFINÖLE
FIBERGLAS
2-PROPENSÄURE, 2-METHYL-, POLYMER MIT BUTYL-2-PROPENOAT UND METHYL-2-METHYL-2-PROPENOAT
LI
CHROM
SI
P
NICKEL
SCHWEFEL
C
MANGAN

Non-Rechargeable Battery

Chemical Composition
iron
chromium
nickel
lithium
manganesedioxi
lithium perchlorate
1,2-dimethoxyethane
MISC., NOT TO DECLARE
polypropylene

Batterie

Chemische Zusammensetzung
Eisen
Chrom
Nickel
Lithium
Mangan-Dioxid
Lithiumperchlorat
1,2-Dimethoxyethan
VERSCH., NICHT ZU ERKLÄREN
Polypropylen

Atenção

Caro usuário,

Verifique abaixo a forma de configurar os sensores IVA 7100 Dual, Quad, Hexa e Octa.

1. Especificações técnicas

Modelo	IVA 7100 Dual	IVA 7100 Quad	IVA 7100 Hexa	IVA 7100 Octa
Número de feixes	2	4	6	8
Tensão de alimentação	12 ~ 18 Vdc			
Corrente de consumo (TX + RX)	A partir da versão 5.3 - 12 ~24 Vdc			
Canais de frequência	2 canais, frequências A e B			
Níveis de potência	4 níveis, Mínima (sem Jumper), Baixa (C), Média (M), Alta (L)			
Distância máxima de proteção	COM Cabo SINC (Sincronismo)	100 m		
	SEM Cabo SINC (Sincronismo)	60 m		
Saída de alarme	Saída configurável NA/NF			
Tempo de alarme	2 A @ 24 Vdc			
Tempo de resposta	≥ 2s			
Método de detecção	50 ms ao bloquear 3 ou mais feixes			
	100 ms ao bloquear 2 feixes			
Indicação de alinhamento/disparo	Bloquear 2 feixes vizinhos ¹			
Alinhamento horizontal	LED alinhamento e buzzer			
Tamper violação	360°			
Filtro solar para ambientes externos	ON e OFF, conforme posição do jumper (para versão inferior 5.3)			
Temperatura de operação	Sim			
Grau de proteção IP	-10 °C a 55 °C			
Dimensões (L x A x P) cm	IP65			
Peso	3,8 x 47 x 5	3,8 x 75,5 x 5	3,8 x 107,5 x 5	3,8 x 140 x 5
	0,73 kg	1,1 kg	1,4 kg	1,6 kg

¹ No modelo IVA 7100 DUAL se o cabo SINC (Sincronismo) não estiver conectado o mesmo irá disparar caso o feixe superior seja interrompido individualmente tanto no modo de alinhamento quanto no modo contínuo.

2. Configuração

Configuração dos Jumpers

Por questões de segurança, é necessário abrir os sensores para identificar qual é o transmissor (TX) e qual é o receptor (RX).

Transmissor

Transmissor(a partir da versão 5.3)

Transmissor	
J1	Canais de Frequência
J3	Tamper ¹
J4	Potência ²

Receptor

Receptor	
J1	Canais de frequência
J2	Sincronismo
J3	Tamper ¹
J3 Buzzer (a partir da versão 5.3)	Buzzer
J4	Potência ²
J5	Lógica relé
J6	Buzzer ³

¹ Para versões a partir da 5.3, existe um borne específico para o tamper.
² Recomenda-se utilização do jumper de potência sempre na maior potência (L), isso garante uma maior intensidade do sinal infravermelho.
³ É necessário remover a placa do receptor para se ter acesso ao jumper de configuração e desabilitar o Buzzer (para versão inferior a 5.3).

Configuração Jumper Relé e Buzzer (somente no receptor)

Para configurar os jumpers é necessário remover a placa do receptor. Siga os passos abaixo para realizar esta configuração:

1. Puxe a base do tubo de alumínio;
2. Remova a placa;
3. Configure os jumpers de acordo com sua necessidade;
4. Coloque a placa novamente no tubo de alumínio observando a canaleta de encaixe, e em seguida, encaixe a base do tubo de alumínio.

J5 - Para versão inferior a 5.3	Lógica relé	NF Normalmente Fechado (Padrão de fábrica)
J6 - Para versão a partir da 5.3		NA Normalmente Aberto
J6 - Para versão inferior a 5.3	Buzzer	Com jumper – Buzzer habilitado (Padrão de fábrica)
		Sem jumper – Buzzer desabilitado

Obs.: para versão a partir da 5.3 não é necessário remover a placa para configuração do buzzer.

Alinhamento

Para realizar o alinhamento, o sensor RX (receptor) deve estar no modo de Alinhamento. Para entrar no modo de alinhamento, basta desligar e ligar o RX (receptor), sendo que o sensor permanecerá em modo de alinhamento durante os 30 minutos iniciais.

Obs.: não é necessário habilitar a função Sincronismo (cabo SINC conectado) para realizar o alinhamento:

intelbras

Este adendo é parte integrante do Manual do usuários dos sensores IVA 7100 Dual, Quad, Hexa e Octa.

02.21

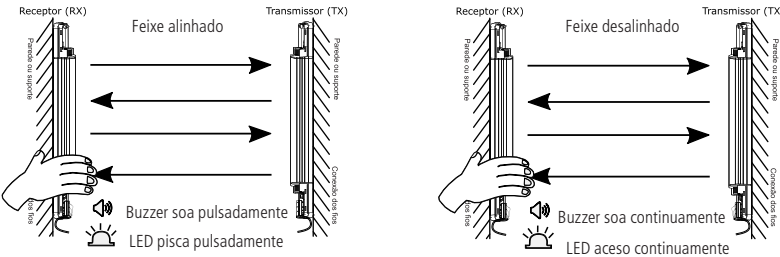
intelbras

Este adendo é parte integrante do Manual do usuários dos sensores IVA 7100 Dual, Quad, Hexa e Octa.

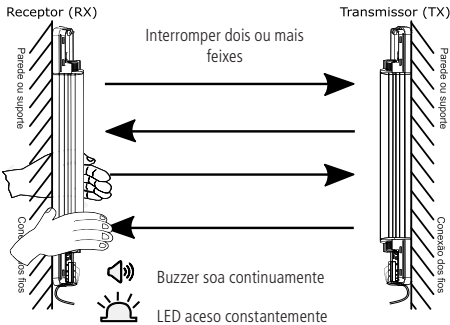
02.21

Com o sensor no modo de alinhamento, execute o procedimento descrito abaixo para alinhar os sensores:

1. Para um ajuste fino entre o alinhamento dos feixes, mude o jumper (J4) de nível de potência para C (potência baixa) no transmissor e no receptor, padrão de fabrica nível de potência L (potência alta);
2. Durante os 30 minutos iniciais (modo de alinhamento), ao se interromper somente 1 (um) feixe, o Buzzer irá soar pulsadamente e o LED piscará também de forma pulsada sem ocasionar disparos, indicando que o feixe interrompido está alinhado. Se o Buzzer soar continuamente e o LED permanecer aceso constantemente ao se interromper 1 (um) feixe, conclui-se que o sensor não está perfeitamente alinhado, caso algum feixe fique continuamente disparado, tente alinhá-lo girando horizontalmente o Receptor (RX) e o Transmissor (TX), em seguida interrompa os feixes de maneira individual e verifiquei se o buzzer soa pulsadamente e o LED pisca de forma intermitente. Esse procedimento deve ser feito em todos os feixes.



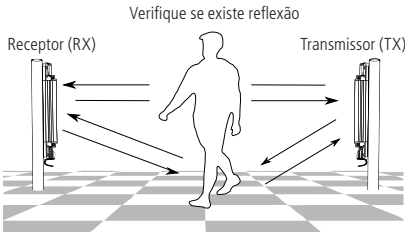
Ao se interromper 2 (dois) ou mais feixes vizinhos o sensor irá disparar, o Buzzer irá soar continuamente e o LED ficará aceso constantemente.



3. Caso algum dos feixes permaneça desalinhado, mude o jumper (J4) nível de potência para M (potência média) e repita o passo
 4. Caso o comportamento persista, altere novamente o jumper (J4) nível de potência para L (potência alta) e repita o passo 2.
 5. O alinhamento só é considerado eficiente se o buzzer soar sempre pulsadamente e o LED piscar de forma intermitente ao se interromper individualmente os feixes.
 6. Após o alinhamento, aperte os parafusos nas extremidades para fixar a posição de alinhamento.
- Obs.:** após o alinhamento caso o jumper (J4) nível de potência não esteja na potência L (potência alta), altere para esta potência, isso garante uma maior intensidade do sinal infravermelho.



Faça testes de caminhada em vários pontos da barreira para certificar que não está havendo reflexão dos feixes infravermelhos no chão, na parede ou em objetos reflexivos. Se for constatada reflexão, diminua a Potência para o nível inferior e repita o teste. Persistindo a reflexão mesmo no nível de Potência C, remova o jumper de potência para obter a potência mínima. Se a reflexão ocorrer mesmo com a potência mínima será necessário alterar a posição de instalação do sensor.



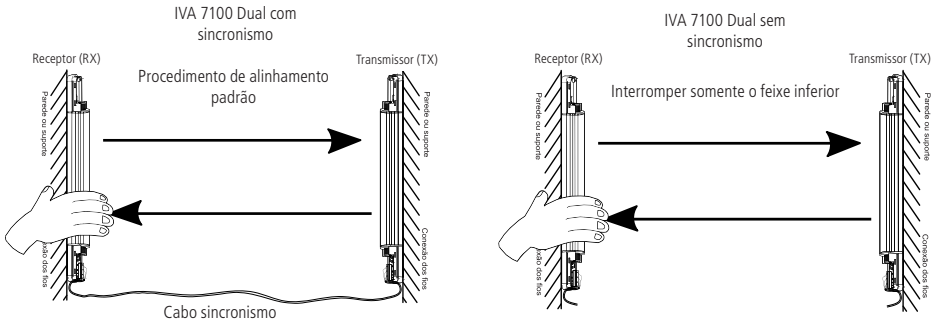
Passado o período de 30 minutos iniciais, o Buzzer irá soar e o LED acenderá apenas se forem interrompidos 2 (dois) ou mais feixes vizinhos, ou seja, ele não irá soar pulsadamente e nem o LED irá piscar se interromper apenas 1 (um) feixe.

Obs.: o Buzzer não irá soar se o jumper do Buzzer for removido, desta forma o alinhamento deve ser feito observando o LED de indicação de alinhamento, pois ele terá o mesmo comportamento do Buzzer, ou seja, ao se interromper somente um feixe durante os 30 minutos iniciais o LED irá piscar indicando que aquele feixe está alinhado, caso o LED fique aceso constantemente o feixe interrompido não está bem alinhado e o sensor deve ser realinhado.

IVA 7100 Dual



Se o modelo IVA 7100 Dual estiver na função de *Sincronismo* (cabo SINC conectado), ele irá seguir o procedimento de alinhamento padrão. Porém, se o cabo SINC não estiver conectado, o alinhamento deve ser realizado somente interrompendo o feixe inferior, pois o buzzer sempre irá soar continuamente ao se interromper o feixe superior.

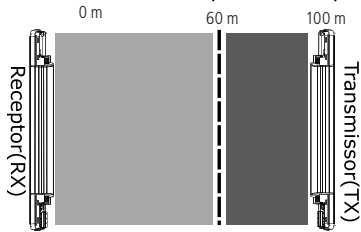


Sincronismo

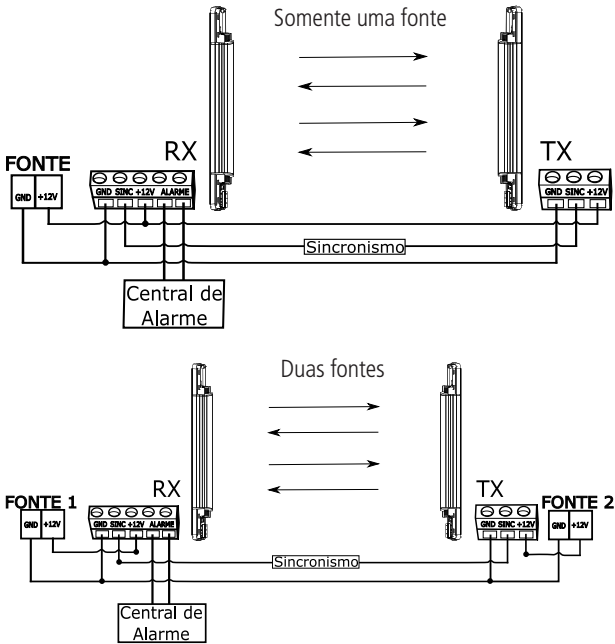
A função *Sincronismo* deve ser utilizada para aumentar a robustez da barreira infravermelha. Ela é habilitada removendo-se o jumper J2 do RX e conectando os terminais SINC (Sincronismo) do RX e TX através de um cabo-padrão para sistemas de alarme (não fornecido com o produto).

Para distância maior ou igual a 60 m e locais com alta incidência de neblina e chuva é necessário utilizar o cabo de sincronismo.

É obrigatório o uso da função *Sincronismo* em distâncias maiores que 60 m ou em ambientes com alto índice de neblina ou chuva.



Obs.: se tiver utilizando uma fonte para alimentar o TX e outra para alimentar o RX, deve-se conectar o GND de ambas as fontes para que a função sincronismo funcione corretamente.





SÉRIE AX PRO versão 868 MHZ
SISTEMA DE ALARME SEM FIO
SIMPLICIDADE ATRAVÉS
DA INOVAÇÃO

HIKVISION®

Na Hikvision, acreditamos que a inovação resulta em produtos que podem fazer mais e ao mesmo tempo se tornam mais simples de usar. O sistema AX PRO é o exemplo perfeito - é um novo design incrível que combina os sistemas de segurança poderosos e confiáveis do passado com a simplicidade da melhor tecnologia de amanhã.

O AX PRO é convencional e revolucionário, com estabilidade sem fio comprovada, uma ampla variedade de produtos de classe mundial e facilidade de uso para instaladores e usuários finais.

Configuração simples, proteção poderosa - seja para a propriedade de um empresário ou para os entes queridos de um proprietário - trazendo tranquilidade todos os dias, o dia todo.

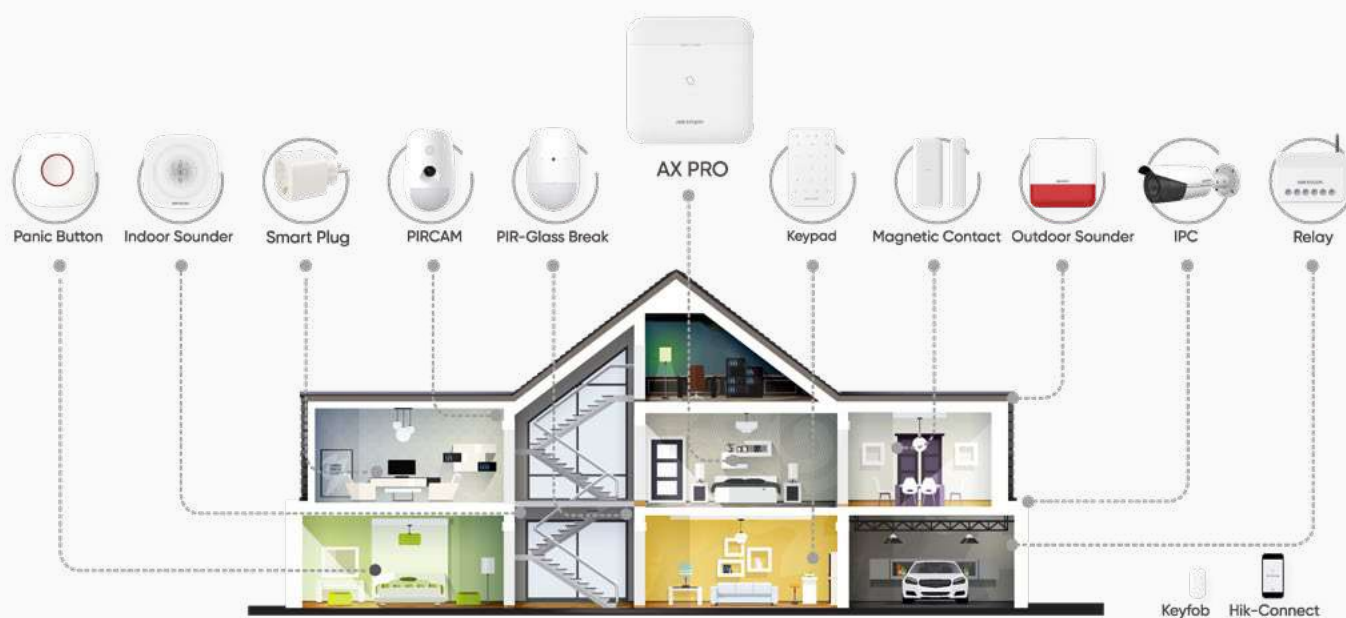


***Nota:** • Atualize o firmware para a versão mais recente

• Para instaladores, é recomendado instalar e manter dispositivos via Hik-ProConnect

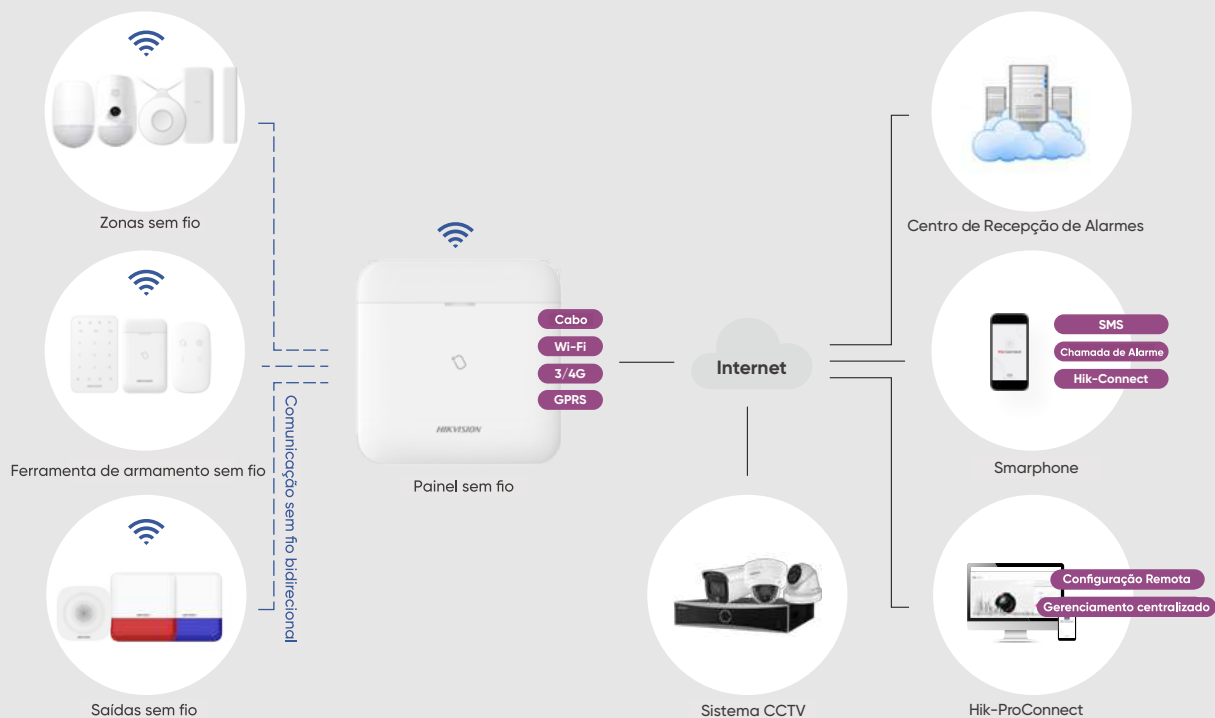
Apresentando o sistema AX PRO

O sistema AX PRO começa com um painel de controle que atua como um hub para todo o sistema. Em seguida, uma ampla variedade de detectores internos e externos, juntamente com periféricos versáteis, incluindo sirenes, repetidores, relés e muito mais, são projetados para atender às necessidades em vários cenários. Revolucionários em tecnologia e design, todos os produtos da linha podem ser adicionados conforme necessário e podem ser vinculados de forma flexível a outros dispositivos Hikvision. Cada um é simples de instalar e promete excelente desempenho.



Topologia do sistema

Além de controlar localmente o sistema usando controle remoto, teclado, leitor de tags etc, os usuários também podem gerenciar e configurar o sistema de alarme remotamente por meio de aplicativo móvel ou plataforma de software.



A execução do sistema AX PRO

O Sistema AX PRO foi projetado para ser fácil de instalar, usar e manter. A vida útil estendida dos componentes e a vida útil mais longa da bateria proporcionam a melhor experiência para instaladores e usuários finais.



Fácil instalação

O sistema AX PRO é flexível e instala-se facilmente sem fios para limitar a configuração. Basta instalar o hub, PIRCAMs, detectores internos e externos e outros periféricos com parafusos ou cola, dependendo das superfícies de montagem.

Operação fácil usando o aplicativo móvel

Com o AX PRO, o poder está em suas mãos. Você pode gerenciar todo o sistema de alarme facilmente através dos aplicativos Hik-Connect e Hik-ProConnect. A interface conveniente e amigável aumenta a eficiência, com a opção de receber notificações sempre que ocorrer um incidente. A resposta rápida dos instaladores e o serviço de nuvem 24 horas por dia, 7 dias por semana, combinam-se para criar a experiência mais profissional.



Mantenha seu sistema de alarme de maneira simples

O sistema AX PRO pode ser gerenciado e mantido convenientemente através do aplicativo Hik Pro-Connect ou do Portal da Web para instaladores. Estações de monitoramento e Instaladores podem supervisionar o status do sistema de alarme a qualquer momento de qualquer lugar com a autorização do usuário final. Além disso, o relatório de status de integridade é uma ótima ferramenta para atualizações do serviço de manutenção do instalador.

Tecnologias de alarme de intrusão líderes do setor

Tecnologias inovadoras compõem o núcleo do sistema AX PRO. Com verificação de ponta, transmissão sem fio e tecnologias de detecção, a Hikvision demonstra sua dedicação em fornecer segurança estável e confiável para nossos clientes hoje e amanhã.



Verificação de vídeo

Obtenha verificação instantânea e eficiente. A tecnologia IVaaS (Verificação de intrusão como serviço) é compatível com o envio de um videoclipe de evento de 7 segundos ou até 20 fotos via Hik-Connect ou por e-mail para verificação oportuna.



Transmissão sem fio

Garante uma transmissão sem fio rápida, confiável e segura.

- Tecnologia sem fio Tri-X e CAM-X
- Transmissão de longa distância, até 2.000 metros
- Design de chip de RF duplo
- Tecnologia de Acesso Múltiplo por Divisão de Tempo
- Frequência de Salto do Espectro Propagado
- Tecnologia de transmissão de relé
- Criptografia AES-128



Tecnologia de detecção

Detecte com precisão menos alarmes falsos ou ausentes.

- Tecnologia Óptica 3D
- Tecnologia de imunidade a animais de estimação
- Limites Flutuantes Independentes
- Tecnologia de Compensação de Temperatura Digital
- Tecnologia de detecção de som de banda larga

Sua escolha confiável para sistemas de alarme sem fio

O sistema AX PRO é a sua escolha digna de confiança, seja para casas, lojas ou outras pequenas empresas. Todo o sistema é totalmente compatível com EN grau 2 e os produtos são certificados pela Telefication. Escolha o AX PRO, escolha a tranquilidade.

Segurança inovadora na ponta dos dedos



Impeça a intrusão desde o início

Coloque em torno de janelas, portas e outras áreas onde ocorrem intrusões para uma segurança confiável. Os detectores AX PRO oferecem detecção precisa em ambientes internos e externos e proteção abrangente, dia e noite.



Detecte riscos antes que eles surjam

O sistema AX PRO também ajuda a tornar as casas mais seguras para as famílias. Ele fornece detecção de vazamento de água e incêndio antes que ocorra um desastre para uma segurança superior em todos os cantos.



Mantenha-se informado com vídeos em tempo real

Com a tecnologia IVaaS da Hikvision, os proprietários de residências ou empresas podem verificar alarmes assistindo a vídeos ou imagens GIF quando estiverem longe da propriedade, mantendo-se confiantes e informados.



Controle inteligente com um sistema escalável

Configure o controle inteligente em residências com uma ampla variedade de dispositivos de controle inteligente, relés, tomadas e muito mais. Além disso, o sistema AX PRO é flexível e pode ser vinculado a outros dispositivos Hikvision, oferecendo ainda mais flexibilidade.

AX PRO

O AX PRO é equipado com métodos de comunicação Wi-Fi, LAN e GPRS/3G/4G para tornar o sistema mais estável e seguro. Ele também suporta os protocolos ISUP e DC-09 para conectar-se a plataformas de terceiros. Isso inclui aplicações residenciais e de escritório, comerciais, fábricas, etc.

DS-PWA64-L-WE



- 64** zonas sem fio
- 4** sirenes
- 2** repetidor de sinal
- 8** teclados e leitores de tag
- 32** controle remoto e tag
- 16** partições
- 5.000** logs de eventos

DS-PWA96-M-WE



- 96** entradas e saídas sem fio suportadas
- 6** sirenes sem fio suportadas
- 4** repetidores sem fio suportados
- 8** teclados e leitores de etiquetas suportados
- 48** porta-chaves e tags suportados
- 32** áreas suportadas
- 5.000** logs de eventos



Frequência de RF



Módulo IP



Módulo Wi-Fi



Módulo GPRS/3/4G



Tecnologia sem fio Tri-X e CAM-X



SMS para eventos de alarme



Chamada de voz de alarme para usuários finais



Hik-ProConnect / Hik-Connect



Compatível com IPC e PIRCAM



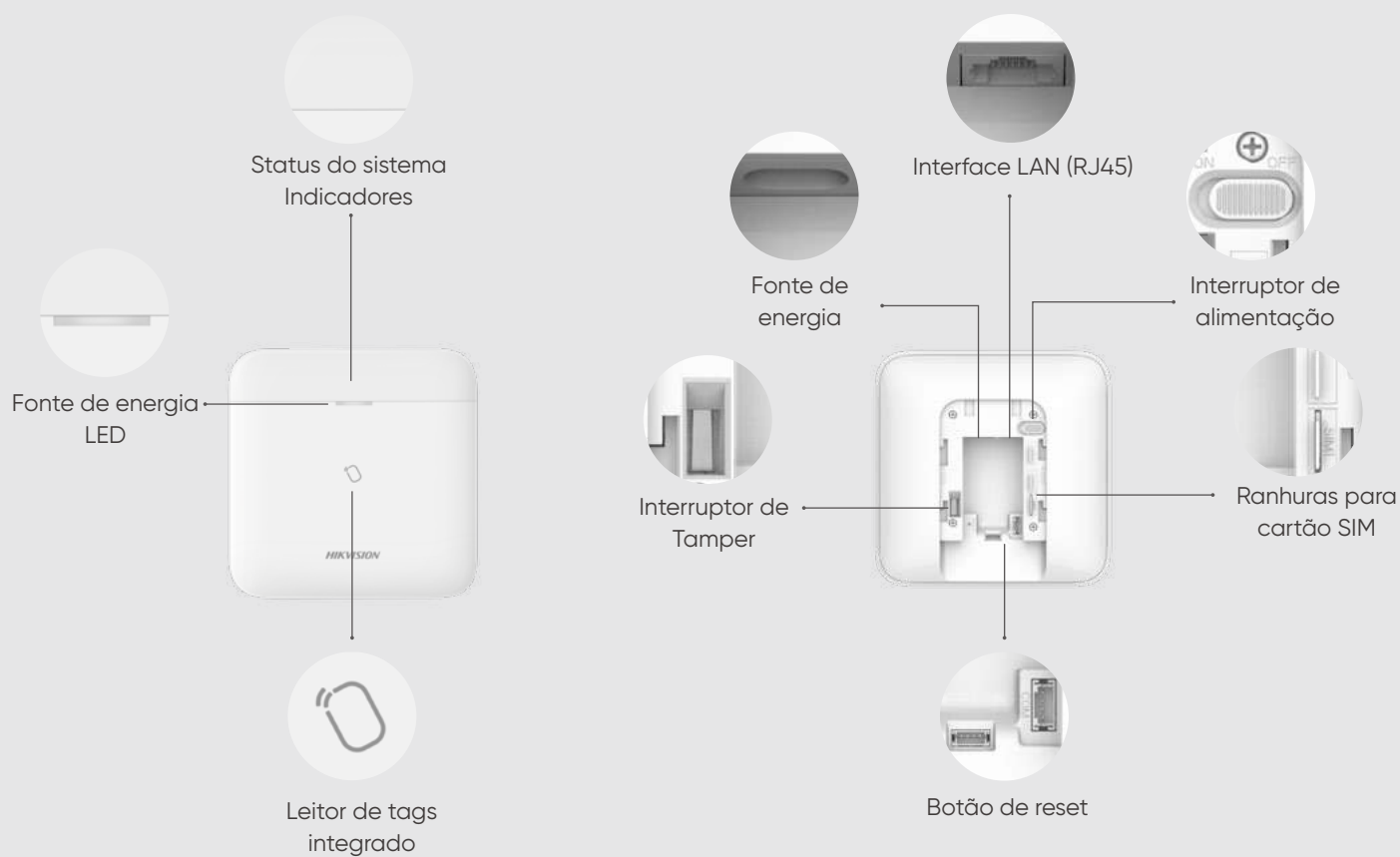
Design de cartão SIM duplo



Protocolo SIA/CID

Levando em consideração os hábitos do usuário.

O painel AX PRO pequeno, mas compacto, oferece uma experiência amigável para os usuários.





AX PRO M2

- 96** entradas e saídas sem fio suportadas
- 6** sirenes sem fio suportadas
- 4** repetidores sem fio suportados
- 8** teclados e leitores de etiquetas suportados
- 36 h** de duração da bateria
- 32** áreas suportadas
- 5.000** registros de eventos



AX PRO M2H

- 96** entradas e saídas sem fio suportadas
- 6** sirenes sem fio suportadas
- 4** repetidores sem fio suportados
- 8** teclados e leitores de etiquetas suportados
- 36 h** de duração da bateria
- 32** áreas suportadas
- 16** entradas integradas e **2** saídas de relé
- 2** fontes de alimentação de 12 V integradas para detector com fio
- 5.000** registros de eventos

 Frequência de RF

 Módulo IP

Wi-Fi Módulo Wi-Fi

 Módulo GPRS/3/4G

 Compatível com IPC e PIRCAM

 Design de cartão SIM duplo

 Tecnologia sem fio Tri-X e CAM-X

 SMS para eventos de alarmeAlarm

 Chamada de voz para usuários finais

 Hik-ProConnect / Hik-Connect

 Protocolo SIA/CID

Detector de Ambiente

Os detectores de ambiente Hikvision, com vários sensores integrados, protegem sua casa 24 horas por dia, 7 dias por semana e enviam avisos antecipados de vazamentos de água, fumaça e saltos acentuados de temperatura para reduzir possíveis danos.



Detector de fumaça sem fio

- Tecnologia sem fio CAM-X
- Até 800 m de distância de transmissão
- Câmera com sensor fotoelétrico
- >85 dB Campainha
- Montagem no teto



Detector de vazamento de água sem fio

- Tecnologia sem fio Tri-X
- Até 1.000 m de distância de transmissão
- Nível de proteção IP66
- Sonda externa incluída
- Montagem em parede/superfície



Detector de umidade e temperatura sem fio

- Tecnologia sem fio Tri-X
- Distância de transmissão de até 1.200 m
- Na tela
- Sonda externa incluída
- Montagem na parede



Detector de calor sem fio

- Tecnologia sem fio Tri-X
- Sensor de temperatura
- Até 1.600 m de distância de transmissão
- >85 dB campainha
- Montagem no teto



Detector de fumaça sem fio

- Tecnologia sem fio Tri-X
- Sensor de fumaça
- Até 1.600 m de distância de transmissão
- >85 dB campainha
- Montagem no teto



Detector de CO sem fio

- Tecnologia sem fio Tri-X
- Sensor de monóxido de carbono
- Até 1.600 m de distância de transmissão
- >85 dB campainha
- Montagem no teto

Detector **PIRCAM**

Alimentado por bateria e com alcance de 12 metros, o detector PIRCAM sem fio mantém uma propriedade segura.



Tecnologia sem fio CAM-X



Tecnologia IFT



Compensação de temperatura digital



Até 800 m de distância de transmissão



12 m, faixa de detecção de 85,9°



Até 30 kg de imunidade a animais de estimação



Até 20 fotos fundidas em um GIF



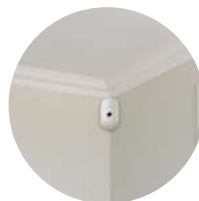
Até 6 anos de duração da bateria



Montagem na parede



Movimento detectado



Alarme acionado



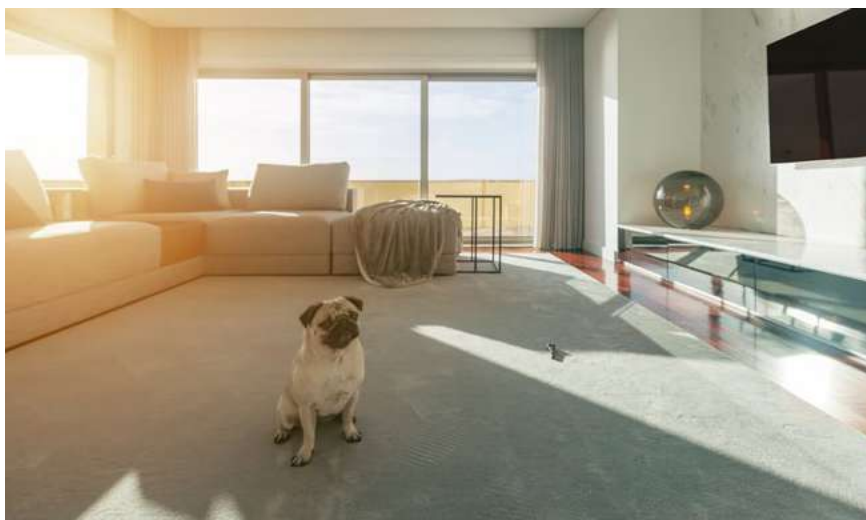
Movimento capturado

Com o PIRCAM, você pode visualizar instantâneos de ativações para verificar alarmes

Alertando você antes mesmo que os intrusos percebam que estão expostos. Quando o alarme é acionado, até 20 fotos serão enviadas para o seu aplicativo Hik-Connect e para o ARC.

Detector de movimento

Continuando a detectar. Totalmente programável via aplicativo e com tecnologia de compensação de temperatura digital e IFT, o detector de movimento sem fio realmente tem tudo sob controle.



Detector sem fio de tecnologia dupla

Os módulos PIR e microondas integrados ao detector sem fio de tecnologia dupla tornam a detecção mais precisa e estável em condições extremas.

-  Tecnologia IFT
-  Compensação de temperatura digital
-  Tecnologia sem fio Tri-X
-  Até 1.600 m de distância de transmissão
-  12 m, faixa de detecção de 85,9°
-  Até 30 kg de imunidade a animais de estimação
-  PIR + tecnologia de micro-ondas
-  Montagem na parede



**Detector PIR
sem fio**

-  Tecnologia IFT
-  Compensação de temperatura digital
-  Tecnologia sem fio Tri-X
-  Até 1.600 m de distância de transmissão
-  15 m, faixa de detecção de 85,9°
-  Até 30 kg de imunidade a animais de estimação
-  Montagem na parede



**Detector
Teto PIR sem fio**

-  Tecnologia IFT
-  Compensação de temperatura digital
-  Tecnologia sem fio Tri-X
-  Até 1.600 m de distância de transmissão
-  12m, faixa de detecção de 360°
-  Montagem no teto

Detector de **cortina**

Com excelente alcance de detecção e tecnologia, você está completamente preparado para proteger suas janelas e portas.



Detector de cortina PIR sem fio

Com excelente alcance de detecção e tecnologia, você está completamente preparado para proteger suas janelas e portas.



Tecnologia IFT



Compensação de temperatura digital



Tecnologia sem fio Tri-X



Até 1.600 m de distância de transmissão



15 m, faixa de detecção de 6,3°



Montagem na parede



Detector de cortina externa sem fio



Anti-mascaramento IR ativo



Compensação de temperatura digital



Tecnologia sem fio Tri-X



PIR/ PIR + variantes de micro-ondas



Nível de proteção IP65



Alcance de transmissão de até 1.600 m



10 m, alcance de detecção de 50



Opções de montagem na parede/teto



Detector Magnético

Utilizando a mais recente tecnologia sem fio Tri-X, o contato magnético é versátil e facilmente configurável para atender a uma variedade de necessidades e detectar o status de janelas, portas, etc.



Contato magnético externo sem fio

-  Tecnologia sem fio Tri-X
-  Até 1.600 m de distância de transmissão
-  Nível de proteção IP66, estável aos raios UV
-  Montagem em superfície



Detector magnético fino sem fio

-  Tecnologia sem fio Tri-X
-  Distância de transmissão de até 1.200 m
-  Desaparecimento da instalação



Detector magnético sem fio

-  Tecnologia sem fio Tri-X
-  Até 1.600 m de distância de transmissão
-  Zonas externas de 2 canais para sensores com fio
-  Montagem em superfície



Detector de choque magnético sem fio

-  Tecnologia sem fio Tri-X
-  Até 1.600 m de distância de transmissão
-  Detecção combinada de choque e inclinação
-  Zonas externas de 2 canais para sensores com fio
-  Montagem em superfície

Detector de **quebra de vidro**

Protege suas janelas e alerta você imediatamente se ocorrer alguma invasão nas janelas. Ideal para conservatórios, quartos com grandes janelas e dependências.



Detector de quebra de vidro sem fio



Tecnologia sem fio Tri-X



Até 1.600 m de distância de transmissão



8 m, faixa de detecção de 120°



Zonas externas de 2 canais para sensores com fio



Montagem na parede



Detector de quebra de vidro e PIR sem fio



Tecnologia sem fio Tri-X



Tecnologia IFT



Compensação de temperatura digital



Até 1.600 m de distância de transmissão



12 m PIR, faixa de detecção de quebra de vidro de 8 m



Até 30 kg de imunidade a animais de estimação



Montagem na parede

Detector **Externo**

O detector externo que combina 2 tecnologias PIR e 1 micro-ondas em um gabinete pode filtrar alarmes falsos com eficiência. Também é equipado com detecção anti-mascaramento para que comportamentos de sabotagem não sejam perdidos. Além disso, você pode optar por adicionar o módulo da câmera para realizar a função de verificação de vídeo.



Módulo da câmera

-  Resolução: 640 x 480, 320 x 240, 160 x 120
-  Nível de proteção IP66
-  Faixa de luz de preenchimento IR de 15 m



Detector Tri-Tech externo sem fio

-  Anti-mascaramento IR ativo
-  Compensação de temperatura digital
-  Lógica de detecção de três sinais
-  Análise anti-oscilação
-  Tecnologia sem fio Tri-X
-  Alcance de transmissão de até 1.600 m
-  15 m, 90o @ 180o de cobertura ajustável
-  Nível de proteção IP65
-  Montagem na parede

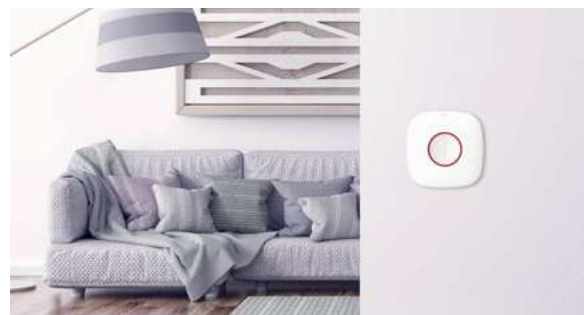
Botão de pânico

Discreto e portátil, acione um alarme com o mínimo de barulho e configuração direta do botão de pânico sem fio, fixo e portátil.



Botão de pânico sem fio

- Distância de transmissão de até 1.200 m
- Alarme de um toque
- Montagem na parede



Botão de pânico portátil sem fio

- Até 1.000 m de distância de transmissão
- Alarme de um toque
- Proteção de imprensa acidental, acessório portátil



Teclado

Armamento estável, seguro e direto.
Totalmente personalizável e robusto, o teclado
e o chaveiro são o parceiro perfeito para
armar/desarmar.



Teclado LED sem fio



Distância de transmissão de até 1.200 m



Chamada de ajuda com um toque



Controle remoto



Até 900 m de distância de transmissão



Personalização de combinação de teclas

Sirenes

Tanto a sirene interna quanto a externa oferecem volume de alarme de até 110 dB, mantendo você alerta quando for mais importante.



Sirene Externa Sem Fio

-  Até 1.600 m de distância de transmissão
-  Saída de som de até 110 dB
-  IP65
-  4 CR123A / 12 VDC



Sirene interna sem fio

-  Até 1.600 m de distância de transmissão
-  Saída de som de até 110 dB



Repetidor

O repetidor sem fio, suporta protocolo sem fio Tri-X e CAM-X, vários métodos de registro, comunicação sem fio bidirecional e emparelhamento automático, é usado para estender a distância de RF em sistemas de alarme.



Repetidor sem fio



Tecnologia sem fio Tri-X e CAM-X



Até 1.600 m de distância de transmissão



Emparelhamento automático com detectores e periféricos



Longo tempo de backup da bateria



Compatível com PIRCAM



Periférico de **automação**

Os plugues e relés inteligentes Hikvision permitem controlar e automatizar fechaduras elétricas, portas, sirenes e outros aparelhos usando os aplicativos Hik-Connect. Os usuários também podem configurar a automação por agendamento ou diferentes eventos acionados.



Plugue Inteligente Sem Fio

-  Tecnologia sem fio Tri-X
-  Até 1.600 m de distância de transmissão
-  100 VCA a 240 VCA, 50/60 HZ, máx. 10A
-  Proteção de tensão e corrente
-  Exibição de energia consumida
-  Acionado por diferentes eventos



Módulo de relé sem fio

-  Tecnologia sem fio Tri-X
-  Até 1.800 m de distância de transmissão
-  Saída unidirecional e entrada tamper unidirecional
-  NA/NF, 0 a 36 VDC, máx. 5A
-  Proteção de tensão
-  Acionado por diferentes eventos



Interruptor de parede sem fio

-  Tecnologia sem fio Tri-X
-  Até 1.600 m de distância de transmissão
-  Saída unidirecional
-  NO/NC, CA 100 a 240v, máx. 13A
-  Proteção de tensão e corrente
-  Acionado por diferentes eventos



Outros periféricos



Transmissor de entrada única sem fio

- Tecnologia sem fio Tri-X
- Distância de transmissão de até 1.700 m
- Saída de tensão de 3,3 V para detector com fio
- Entrada de detector com fio de 1 canal



Transmissor de E/S Múltipla

- Tecnologia sem fio Tri-X
- Distância de transmissão de até 1.100 m
- 16 entradas e 2 saídas
- 2 fontes de alimentação de 12 V integradas para detector com fio



Caixa de demonstração da série AX PRO

- Implantação rápida de todo o sistema AX PRO
- Transporte conveniente
- Atender aos requisitos da vitrine



Módulo AX PRO PSU

- Compatível com AX PRO
- Corrente de entrada/saída de até 2 A
- Ampla faixa de alimentação de 8-24 VDC



See Far, Go Further

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>). Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
- leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and
- a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas

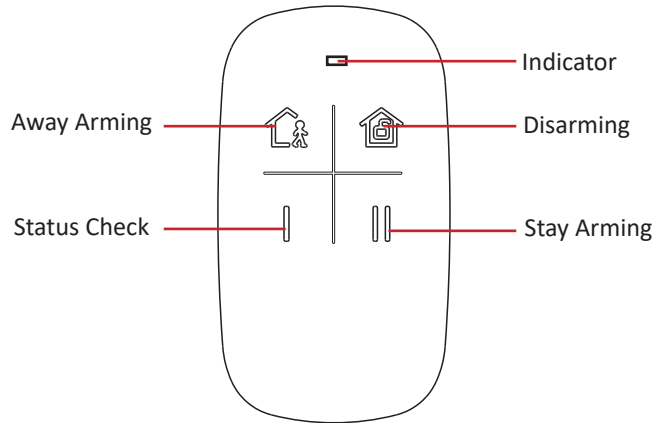


2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info



2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

1 Appearance



Lock/Unlock Device

Hold + for 3 s to lock.

Hold + for 3 s to unlock

Indicator

Green Light Flashes Once: Power On

Orange Light Flashes: Press Key

Red Light Flashes 4 Times: Device Locked/Device Formatted

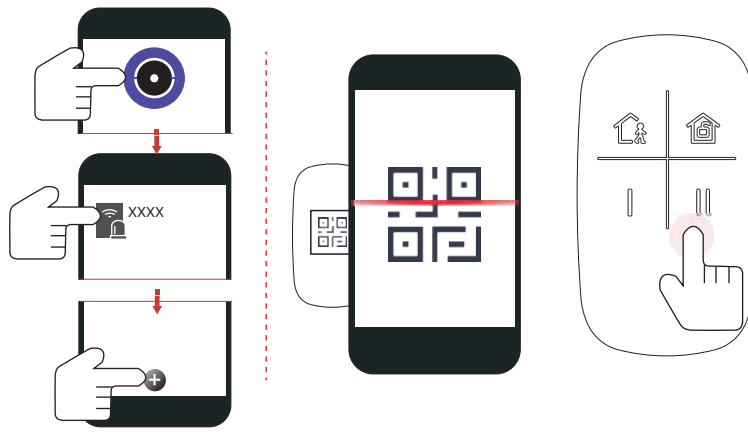
Green Light Flashes 4 Times: Device Unlocked

2 Enrollment

1. Download and install the App.
2. In the App, tap the icon "+" and scan the QR code or input the serial No. on the peripheral.
3. Trigger the peripheral, and it will be automatically enrolled to the control panel.

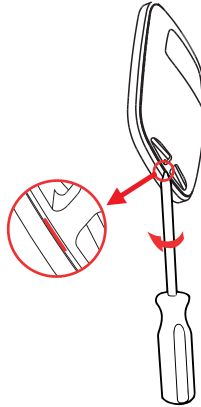
Note:

Do not disassemble the device with sharps.

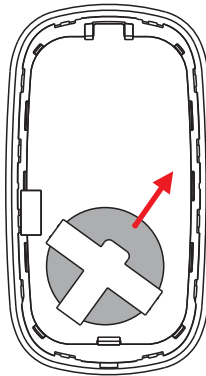


3 Replace Battery

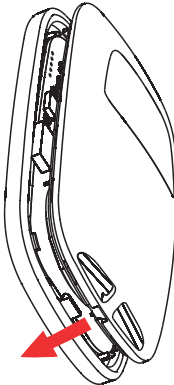
1. Dig the groove to disassemble the device. Remove the front panel.



2. Replace the battery.



3. Assemble the front panel and rear panel.



CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
REPLACEMENT OF A BATTERY WITH AN INCORRECT TYPE THAT CAN DEFEAT A SAFEGUARD.

CAUTION

CHEMICAL BURNING DANGER
DO NOT SWALLOW THE BATTERY
KEEP NEW AND USED BATTERIES AWAY FROM THE CHILDREN.

IF YOU THINK BATTERIES MIGHT HAVE BEEN SWALLOWED OR PLACED INSIDE ANY PART OF THE BODY, SEEK IMMEDIATE MEDICAL ATTENTION.

CAUTION

IF THE BATTERY COMPARTMENT DOES NOT CLOSE SECURELY, STOP USING THE PRODUCT AND KEEP IT AWAY FROM CHILDREN.

CAUTION

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS AND LOCAL REGULATION.

Note: Do not disassemble the device with sharps.

4 Function

Key Operation

Function	Key	Description	Indication
Away	Arming Key	Press the key for related operation	Blue LED flashes twice
Stay	Configurable Key		Blue LED flashes twice
Disarm	Disarming Key		Green LED flashes twice
ClearAlarm	Configurable Key		Green LED flashes twice
System Status	Configurable Key		AX PRO Arming LED (green) flashes twice AX PRO Disarming LED (green) flashes twice
PA	Configurable Key		Successful Operation: Green LED flashes twice Failed Operation: Red LED flashes twice
Medical	Configurable Key		Successful Operation: Green LED flashes twice Failed Operation: Red LED flashes twice
Configurable Key Type I, II, Arm+I, I+II, Arm+Disarm, Disarm+II			

Other Functions

Function	Description	Indication
Arming Progress (EN)	1. Press the Arm key, and the AX PRO starts arming preparing (3 s), which makes the green LED flash. 2. The AX PRO starts fault check. If there is fault being detected, the orange LED flashes. 3. The AX PRO enters the exit delay, and the green LED flashes within the delay duration that can be set via AX PRO client. 4. The AX PRO shows the result. Blue LED indicates successes, and the red LED indicates a failures.	Arming Preparing: Green LED flashes 3 times Exit Delay: Green LED flashes once Armed: Green LED flashes twice Arming Failed: Red LED flashes twice Fault Detected: Orange LED flashes
Lock and Unlock	1. Press the Disarm +I or Arm +II to lock all keys, and the red LED flashes for a successful lock that makes no data transmission between the keyfob and AX PRO. 2. Press the Disarm +I or Arm +II again to unlock all keys, and the green LED flashes for a successful unlock that makes data transmission restored between the keyfob and AX PRO.	Locked: Red LED flashes 4 times Unlocked: Green LED flashes 4 times

5 Formatting

1. Remove the battery.
2. Hold the Away Arming key, and reinstall the battery at the same time to power the keyfob on . The formatting is completed after the red LED flashes 3 times.

6 Set Up with App

You can view the battery level of the keyfob.
Tap the  button to enter the settings page.

Function	Description
Enable Keyfob	Slide to green to enable the keyfob.
Linked User	Set the keyfob linked user.
Function Key Settings	Set the single and combination functions of the I key and the II key

7 Specification

Transmission frequency	868 MHz
Modulation	2 GFSK
Transmission speed	4.8 kbps
Transmission power	10 dBm
RF range	900 m (open area)
Indicator	3-color LED
Key	4
Battery	CR2032 x 1 (included) 210mAh
Battery voltage	3V
Min. voltage	2.1V +/- 5%
Standard battery life	3 years
Operating temperature	- 10 °C to 55 °C (14 °F to 131 °F) - 10 °C to 40 °C (14 °F to 104 °F) EN certified
Material	Panel (plastic)+ gasket (rubber)
Dimension	63.2 mm × 35.2 mm × 11.3 mm
Weight	16 g
Color	White
PS Type	Type C
Low Voltage Level	2.45V±0.02V
Consumption	Quiescent current: 1.17uA Max current: 40mA
Classification	Portable
ACE type	Type B

Note: When the low voltage message appears there will be at least 30 days of use.

The communication of wireless devices like keyfob was identified by the SN number, which will be encrypted during transmission. The SN number was leading with character Q to Z, and following 8 digits, like Q02235774. This is a maximum number of differs of 100,000,000 (10 to the power of 8 [digits]).



AX HYBRID PRO

User Manual

Legal Information

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

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Data Protection

During the use of device, personal data will be collected, stored and processed. To protect data, the development of Hikvision devices incorporates privacy by design principles. For example, for device with facial recognition features, biometrics data is stored in your device with encryption method; for fingerprint device, only fingerprint template will be saved, which is impossible to reconstruct a fingerprint image.

As data controller, you are advised to collect, store, process and transfer data in accordance with the applicable data protection laws and regulations, including without limitation, conducting security controls to safeguard personal data, such as, implementing reasonable administrative and physical security controls, conduct periodic reviews and assessments of the effectiveness of your security controls.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
 Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Note	Provides additional information to emphasize or supplement important points of the main text.

Note

- Please update firmware to the latest version.
- For installers, it is recommended to install and maintain devices via Hik-ProConnect.

Regulatory Information

EN 50131-3:2009

EN 50131-10:2014

EN 50136-2:2013

Security Grade (SG): 2

EN 50136-1:2012+A1:2018

Environmental Class (EC) : II

EN 50131-6:2017

SP4

EN 50131-1:2006+A1:2009+A2:2017+A3:2020

EN 50130-4:2011+A1:2014

EN 50130-5:2011

 **Note** EN50131 compliance labeling should be removed if non-compliant configurations are used.

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	2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info
	2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

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Chapter 1 Introduction

System Description

AX HYBRID PRO control panel is a wired intrusion control panel with wireless detectors & peripherals access capability. It is the first control panel that supports high-speed Speed-X Bus, which is a creative technology and is used to transmit verification video/picture from PIR-CAM. Besides, this hybrid control panel supports customized voice library, which is designed for users to upload customized voice files. These voice files will be played via alarm phone call when alarm triggered. As for basic functions, it supports Wi-Fi, PSTN, TCP/IP and GPRS/3G/4G communication methods. It also supports Hik-ProConnect, Hik-Connect, Hik IP Receiver, Hik IP Receiver Pro and Hik-Central, which is applicable to the scenarios of market, hotel, supermarket, warehouse, office, house (especially with cables pre-installed), etc.

 Note

ISUP5.0: a privacy internet protocol that is used for accessing the third-party platform, which supports alarm report uploading, AX HYBRID PRO management, and short video uploading. The prioritization of the message and indications are the same. The AXPRO uploads messages and gives indications synchronously.

 Note

Standard DC-09 Protocol:

ADM-CID: The data presenting method of DC-09 is CID, which is not encrypted and only for uploading alarm report.

*ADC-CID: The data presenting method of DC-09 is CID, which is encrypted and only for uploading alarm report.

SIA-DCS: The data presenting method of DC-09 is DCS (also called SIA protocol), which is not encrypted and only for uploading alarm report.

*SIA-DCS: The data presenting method of DC-09 is DCS (also called SIA protocol), which is encrypted and only for uploading alarm report.

Chapter 2 Start Up

2.1 Activate the Device with WEB

Use web browser to activate the device. Use SADP software or PC client to search the online device to get the IP address of the device, and activate the device on the web page.

Before You Start

Make sure your device and your PC connect to the same LAN.

Steps

1. Open a web browser and enter the IP address of the device.

Note

If you connect the device with the PC directly, you need to change the IP address of your PC to the same subnet as the device. The default IP address of the device is 192.0.0.64.

2. Create and confirm the admin password. (The default user name of **admin** account is **admin**.)

Caution

STRONG PASSWORD RECOMMENDED-We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

3. Click **OK** to complete activation.

Note

- The default user name of **admin** account is **admin**.
 - You should login the admin account first to enable the installer.
 - The default password of the **installer** is **installer12345**.
-

2.2 Activation with Wi-Fi

While initial the device with Hik-ProConnect or Hik-Connect, you should always add an installer account to AX HYBRID PRO first. The installer account will invite and transfer ownership to the administrator account later after finishing all initial setup and test. Follow the steps below to initializing the hybrid alarm system.

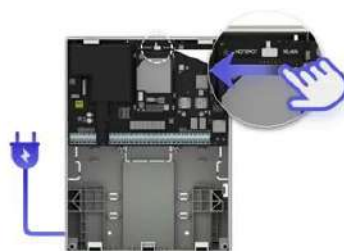
Step1 Create a site (Only for HPC)

Download the Hik-ProConnect and login with the installer account.

A site is the place where the alarm system deployed. Create a site where the device can be added to with its site name and address. The owner of the site would be an end user, usually regarded as administrator.

Step2 Configure the Network on APP

1. Download Hik-Connect/Hik-ProConnect and log in.
2. Power on the AX HYBRID PRO.
3. Turn the Wi-Fi mode switch to HOTSPOT.

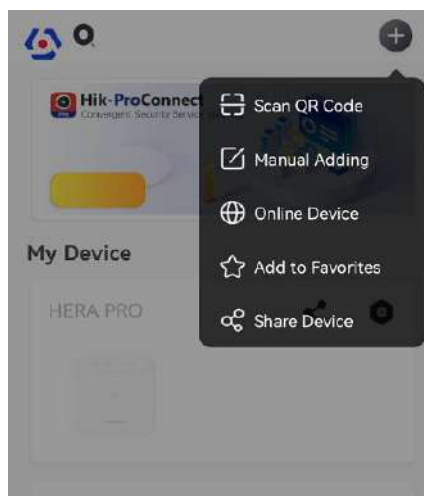


AX Hybrid PRO

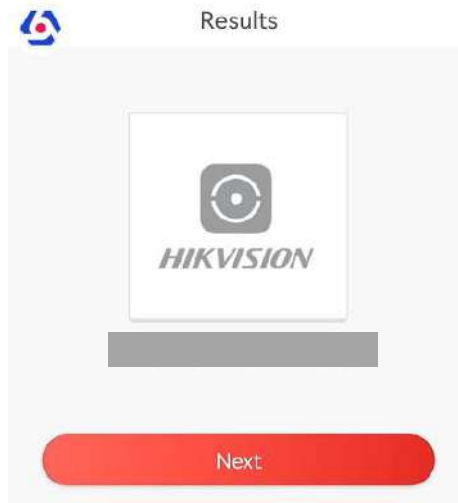
Power on the device and set the network connection mode to HOTSPOT.

4. Connect your phone to your home Wi-Fi. Make sure that this Wi-Fi can access the Internet normally and the signal is stable.
5. Open the HC or HPC, tap **+**, and select **Scan QR Code**. Scan the QR code of the AX HYBRID and wait for the result.

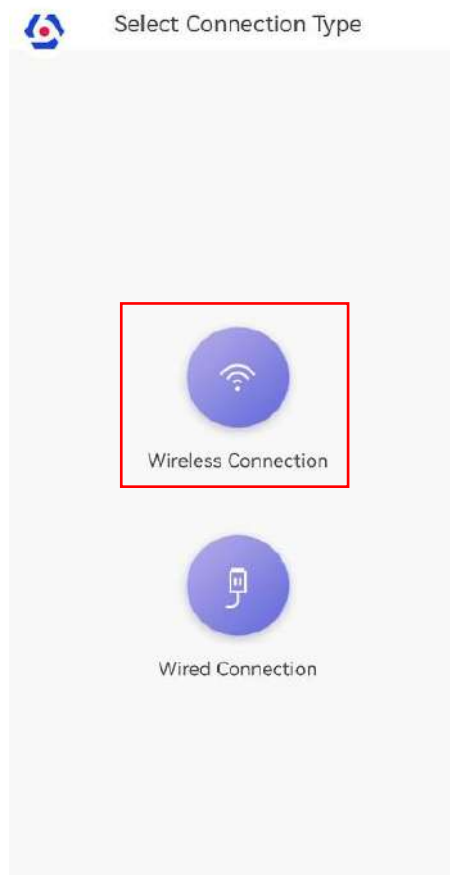
Or you can tap **Manual Adding** and enter the serial No.



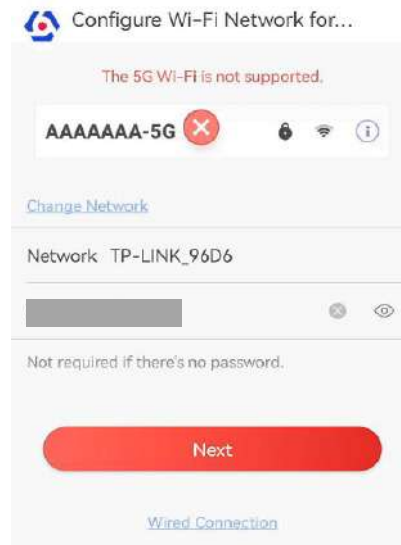
6. Tap **Next**.



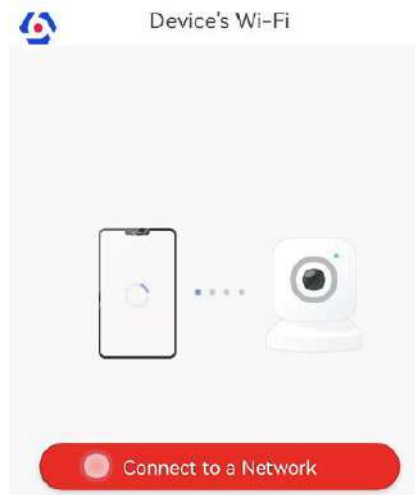
7. Tap **Wireless Connection**, and tap **Next**.



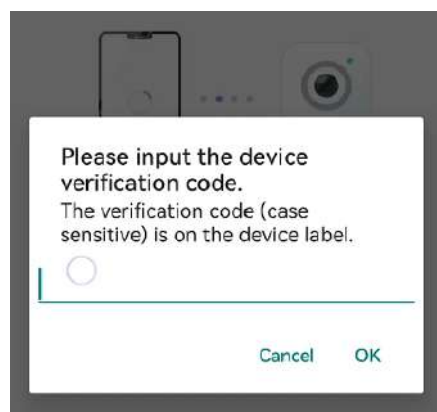
8. The APP will automatically fill in the home Wi-Fi currently used by the mobile phone into the page, as shown in the figure below. After confirming the Wi-Fi password, tap **Next**.



9. Tap **Connect to a Network**.



10. Enter the device verification code and tap **OK**. (The verification code is on the device label.)



11. The APP will search the device Wi-Fi automatically. Check whether the connected Wi-Fi is belonged to the target device and tap **Connect**. As shown in the figure below, the Wi-Fi connected

to the mobile phone should with name “HAP_serial number” (AX HYBRID PRO serial number)



12. Follow the prompts: turn the Wi-Fi mode switch to WLAN.

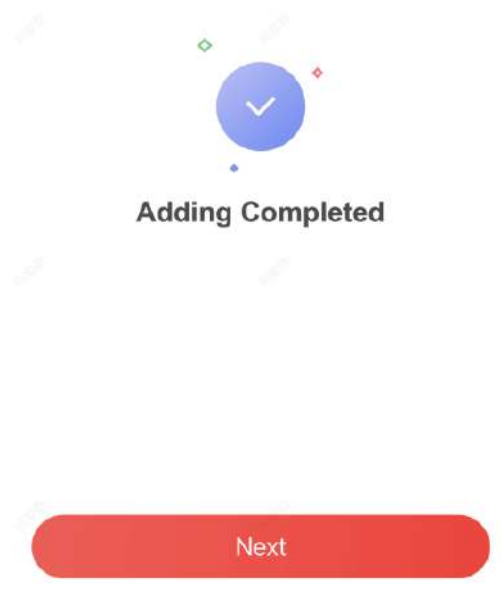


12. Wait for connection.

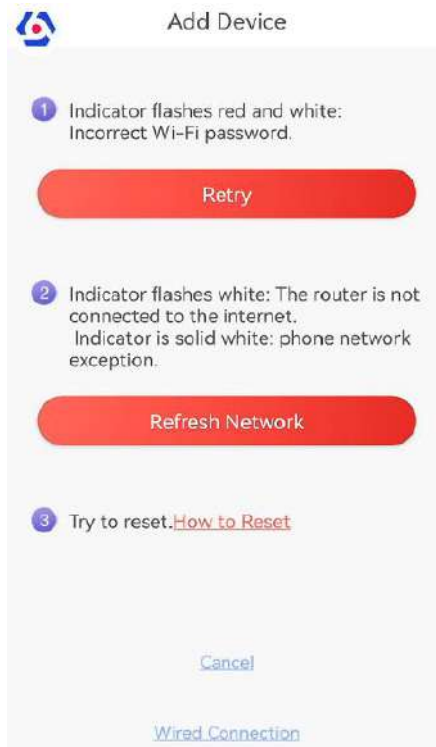


13. Wait for the device to join the home Wi-Fi and log in the Cloud.

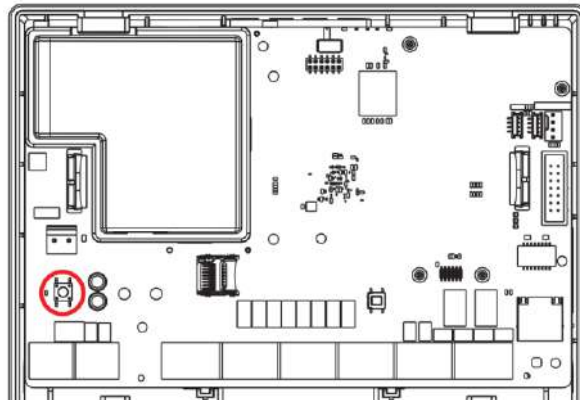
(1) When the home Wi-Fi signal is good, the control panel will successfully log in to cloud and complete the binding before the countdown ends.



(2) When the home Wi-Fi signal is unstable, the control panel may not be connected to the cloud before the countdown ends, and the following page will appear:



If you make sure that the home Wi-Fi password is correct and quality is good, tap **Refresh Network**, the control panel will enter a new countdown. You can wait for the connection. If you want to change the home Wi-Fi, you should change the home Wi-Fi connected to the mobile phone first, then press the **RESET** button of the control panel (marked in the figure below) for 10 seconds. Tap **Retry**. The interface will jump back step 8, you can configure the network again.



Chapter 3 Configuration

3.1 Set-up with the Web Client

Steps

1. Connect the device to the Ethernet.
2. Search the device IP address via the client software and the SADP software.
3. Enter the searched IP address in the address bar.
4. Enter the user name and password to login.



Note

Only the admin and the installer can login to the web client.

You can view the user, device, and area status on the overview page.

The screenshot displays the 'Overview' page of the AX Hybrid PRO Status web interface. At the top, there are tabs for 'Overview', 'Area Control', 'Zone Control', and 'Peripheral Control'. Below the tabs, three user profiles are shown: Administrator (admin), Installer (installer), and Operator (11). Each profile includes a list of user permissions. The 'AX Hybrid PRO Status' section shows various system indicators: External Power Supply (Connected), Wired Network (Connected), Wi-Fi (Disconnected(Nice)), Battery (0%), and Lid Status (Open). Below this, the 'Device Status' table lists 5 devices with their types, totals, and fault status. The 'Area' table lists 2 areas with their names and statuses.

No.	Device Types	Total	Devices in fault	Devices ok
1	Zone	2	0	2
2	Sounder	1	0	1
3	Keypad	1	0	1
4	Keyfob	1	0	1
5	Automation	2	0	2

No.	Area Name	Area Status
1	Area 1	Disarmed
2	Area 2	Disarmed

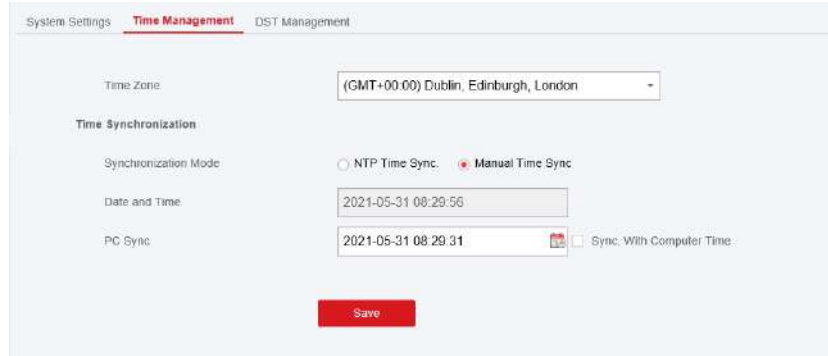
3.1.1 System Settings

Time Settings

You can set the device time zone, synchronize device time, and set the DST time. The device supports time synchronization via Hik-Connect server.

Time Management

Click **System** → **System Settings** → **Time Management** to enter the Time Management page.



You can select a time zone from the drop-down list.

You can synchronize the device time automatically with NTP. Check the check box of **NTP Time Sync.**, enter the server address and port No., and set the synchronization interval.

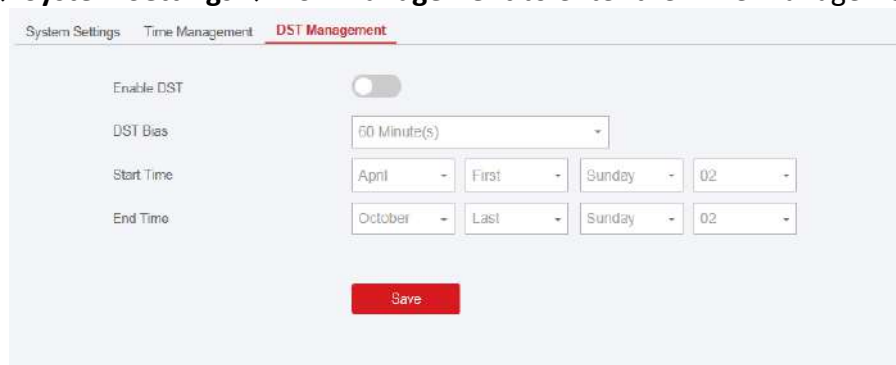
You can synchronize the device time manually. Or check **Sync. with Computer Time** to synchronize the device time with the computer time.

Note

While you synchronize the time manually or with the computer time, the system records the log “SDK Synchronization”.

DST Management

Click **System** → **System Settings** → **DST Management** to enter the Time Management page.



You can enable the DST and set the DST bias, DST start time, and DST end time.

Authority Management

Set the authority options.

Click **System** → **System Options** → **System Management** to enter the page.

Forced Auto Arm

After enabled, when the timed automatic arming starts, if there are active faults in a zone, the zone will be automatically bypass.

You can go to **System** → **System Options** → **Schedule & Time** to set the auto arming/disarming schedule and linked areas.

Note

You should disable the Arm With Faults in the Arm Options page. Or the Forced Auto Arm/Forced Arming function cannot be valid.

Forced Arming

After enabled, when manual arming starts, if there are active faults in a zone, the zone will be automatically bypass.

You can use keyfobs, tags, and keypads to arm zones, or manually arm zones on APP. Single, multiple or all areas can be selected for arming.

Note

You should disable the Arm With Faults in the Arm Options page. Or the Forced Auto Arm/Forced Arming function cannot be valid.

System Status Report

If the option is enabled, the device will upload report to Cloud (for APP) and ARC automatically when the AX HYBRID PRO status is changed.

Audible Tamper Alarm

While enabled, the system will alert with buzzer for the tamper alarm. Regardless of whether it is enabled or not, the tamper alarm will be normally pushed to Cloud (for APP) and ARC.

Panel Lockup Button

All functions of AX HYBRID PRO will be frozen after it is enabled. This function can only be enabled by users with installer permission.

Bypass on Re-Arm

While enabled, after the detector is bypassed, if its faults are restored and the linked area is armed, the detector will automatically arm.

Polling Loss Times

Set the maximum number of times for polling loss of peripherals and detectors. The system will report fault if the time is over the limit. The status of these peripherals and detectors will be shown as offline.

Motion Detector Restore

Motion detectors include all PIR detectors.

-Disable: No automatic restore.

-Immediate After Alarm: Motion detectors automatically restores immediately after the alarm and reports to Cloud (for APP) and ARC.

-After Disarm: Motion detectors automatically restores after disarming and reports to Cloud (for APP) and ARC

Jamming Sensitivity Settings

The device will detect RF interference and push messages when the RF interference interferes with communication. You can adjust the detection sensitivity.

Enable PD6662

Enable PD6662 standard. Functions that do not meet the standard will not take effect.

Keypad Logout

After the keypad enters the programming page, if there is no key operation, it will exit the programming page after reaching this time.

Schedule and Timer Settings

You can set the alarm schedule. The zone will be armed/disarmed according to the configured time schedule.

Steps

1. Click **System** → **System Options** → **Schedule & Timer** to enter the Schedule & Timer page.

System Management **Schedule & Timer** System Fault Check Arm Options Device Enroll Mode

Area: Area1

Enable auto Arm: ☐

Time: 00:00

Enable auto Disarm: ☐

Time: 00:00

Late to Disarm: ☐

Time: 00:00

Weekend Exception: ☒

Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐
Friday ☐ Saturday ☒ Sunday ☒

Holiday Exception: ☒

Holiday 1: 06-21 - 06-21

Auto Arm Sound Prompt: ☒

Panel Alarm Duration: 90 s

Save

2. Select an area.
3. Set the following parameters according to actual needs.

Enable Auto Arm

Enable the function and set the arming start time. The zone will be armed according to the configured time.

Note

- The auto arming time and the auto disarming time cannot be the same.
- The buzzer beeps slowly 2 minutes before the auto arming starts, and beeps rapidly 1 minute before the auto arming starts.
- You can select to enable forced arming on the System Options page. While the function is enabled, the system will be armed regardless of the fault.

Enable Auto Disarm

Enable the function and set the disarming start time. The zone will be disarmed according to the configured time.

Note

- The auto arming time and the auto disarming time cannot be the same.

Late to Disarm

Enable the function and set the time. If the alarm is triggered after the configured time, the person will be considered as late.

 Note

You should enable the Panel Management Notification function in **Communication Parameters** → **Event Communication** before enabling the Late to Disarm function.

Weekend Exception

Enable the function and the zone will not be armed in the weekend.

Holiday Exception

Enable the function and the zone will not be armed/disarmed in the holiday. You should set the holiday schedule after enabling.

 Note

Up to 6 holiday groups can be set.

Auto Arm Sound Prompt

After disabled, the buzzer will not beep before auto arming.

Panel Alarm Duration

The time duration of the panel alarm.

 Note

The available time duration range is from 10 s to 900 s.

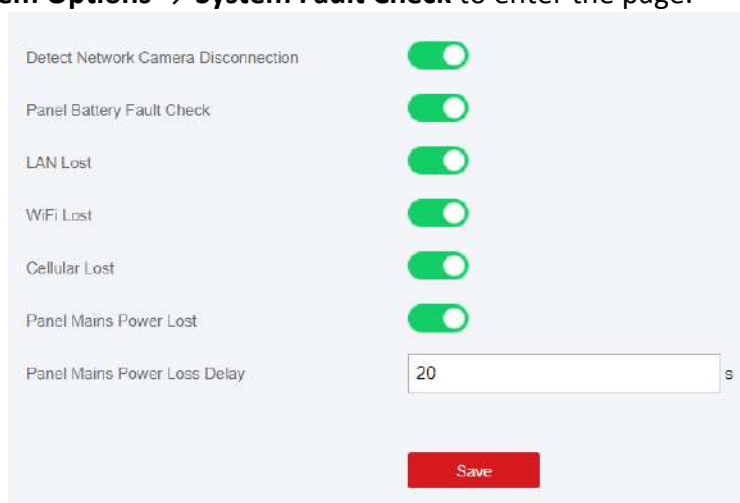
5. Click **Save**.

Fault Check

The fault check here is only for the control panel in the normal status.

The system determines whether to check the faults listed on the page. The system will only check the fault that is selected.

Click **System** → **System Options** → **System Fault Check** to enter the page.



Detect Network Camera Disconnection	☒
Panel Battery Fault Check	☒
LAN Lost	☒
WiFi Lost	☒
Cellular Lost	☒
Panel Mains Power Lost	☒
Panel Mains Power Loss Delay	20 s

Save

Detect Network Camera Disconnection

If the option is enabled, when the linked network camera is disconnected, an alarm will be triggered.

Panel Battery Fault Check

If the option is enabled, when battery is disconnected or in low battery status, the device will upload events.

LAN Lost

If the option is enabled, when the wired network is disconnected or with other faults, the alarm will be triggered.

Wi-Fi Lost

If the option is enabled, when the Wi-Fi is disconnected or with other faults, the alarm will be triggered.

Cellular Lost

If the option is enabled, when the cellular data network is disconnected or with other faults, the alarm will be triggered.

Panel Main Power Lost

If the option is enabled, an alarm will be triggered when the control panel main supply is disconnected.

Panel Main Power Loss Delay

The system checks the fault after the configured time duration after AC power down.
To compliant the EN 50131-3, the check time duration should be 10 s.

Arm Options

This function is for the whole alarm system, to inform the user of the current system status before arming. If it is enabled, there will be a fault prompt and confirmation process for keypads, keyfobs, and APP. If it is not enabled, there will be no fault detection before arming.

Click **System** → **System Options** → **Arm Options** to enter the page.

Arm With Faults
☒

	Checklist	Arm With Fault
Device Lid Opened	☒	☒
Zone/Peripherals Polling Failure/...	☒	☐
Zone/Peripherals Low Battery	☒	☒
Zone Triggered/Fault	☒	☒
Detect Network Camera Disconne...	☒	☒
Panel Battery Fault Check	☒	☒
LAN Lost	☒	☒
WiFi Lost	☒	☒
Cellular Lost	☒	☒
Panel Mains Power Lost	☒	☒
ARC Connection Fault	☒	☒
Jamming Check	☒	☒

Early Alarm
☒

Early Alarm Time
s

You can set the following parameters:

Arm with Fault

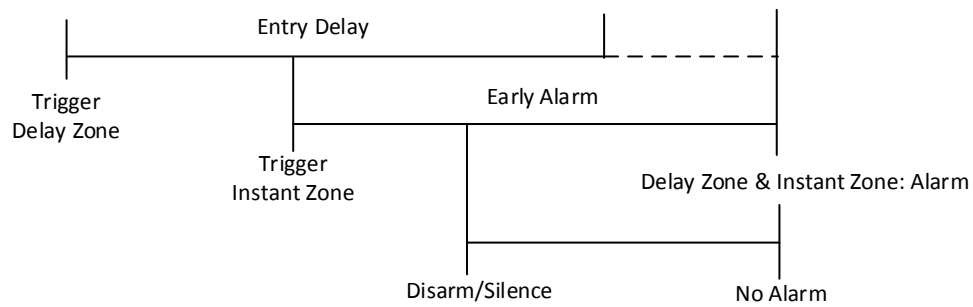
Check the faults in the Arm with Fault list, and the device will not stop the arming process when faults occurred.

Fault Checklist

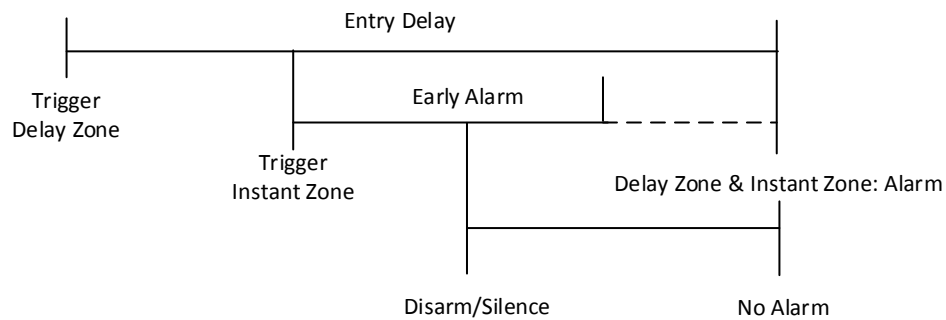
The system will check if the device has the faults in the checklist during the arming process.

Early Alarm

A delay zone is triggered first, and the area is in the "Entry Delay" stage. During the delay time period, an instant zone is triggered. At this time, the area enters the early alarm stage. There are control panel voice alarm and local sounder alarm, but no alarm message is pushed. If the zone is disarmed or silence before both the early alarm and entry delay end, the alarm message will not be reported. Otherwise, both the delayed zone and the instant zone will alarm.

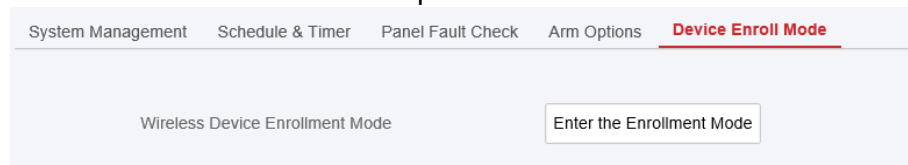


OR



Device Enroll Mode

Click Enter the Enrollment Mode to make the panel enter the enroll mode.



Security Settings

SSH Settings

Enable or disable SSH (Secure Shell) according to your actual needs.

Click **System** → **System Security** → **SSH Settings** to enter the SSH Settings page and you can enable or disable the SSH function.

SSH Settings

Locking User Settings

Module Locking Settings

Enable SSH

☐

Save

Locking User Settings

The device will be locked 90 s after 3 failed credential attempts (can be set in Retry Time before Auto-Lock) in a minute.

You can view the locked user or unlock a user and set the user locked duration.

Note

To compliant the EN requirement, the system will only record the same log 3 times continuously.

Steps

- Click **System** → **System Security** → **User Lockout Attempts** to enter the Locking User Settings page.

Retry Times Before Auto-lock

3

Auto-lock Time

1800

s

No.	IP Address	Unlock
1	10.66.194.102	
2	10.66.193.79	

Save

Unlock All

- Set the following parameters.

Retry Times before Auto-Lock

If the user continuously input the incorrect password for more than the configured times, the account will be locked.

Note

The administrator has two more attempts than the configured value.

Auto-lock Time

Set the locking duration when the account is locked.

Note

The available locking duration is 5s to 1800s.

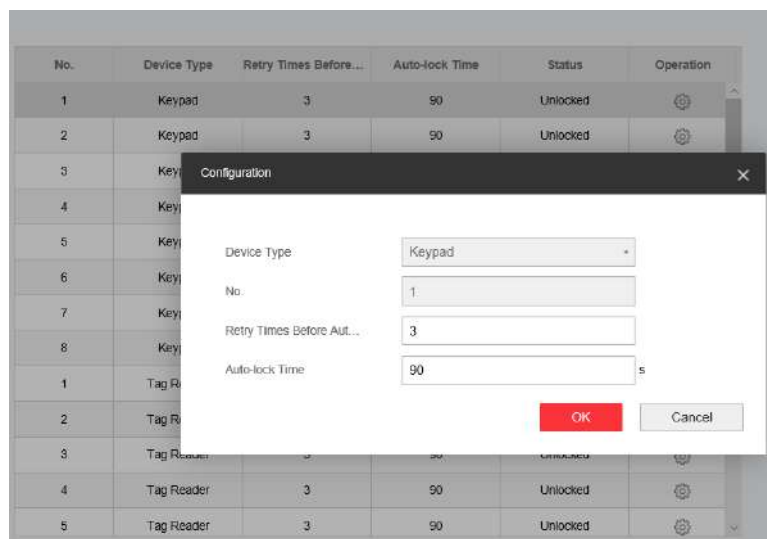
3. Click  to unlock the account or click **Unlock All** to unlock all locked users in the list.
4. Click **Save**.

Module Lock Settings

Set the module locking parameters, including the Max Failure Attempts, and locked duration. The module will be locked for the programmed time duration, once the module authentication has failed for the amount of configured times.

Steps

1. Click **System** → **System Security** → **Module Locking Settings** to enter the Module Lock Settings page.



2. Select a module from the list, and click the  icon.
3. Set the following parameters of the selected module.

Retry Times before Auto-Lock

If a user continuously tries to authentication a password for more than the configured attempts permitted, the keypad will be locked for the programmed duration.

Auto-lock Time

Set the locking duration when the keypad is locked. After the configured duration, the keypad will be unlocked.

4. Click **OK**.
5. Optional: Click the **Lock** icon to unlock the locked module.

3.1.2 Device Management

You can manage the enrolled peripherals including detector, sounder, keypad, etc. in this section.

Zone

You can set the zone parameters on the zone page.

Steps

1. Click **Device** → **Zone** to enter the Zone page.

+ Enroll		Delete								
☐	Zone	Device Number	Name	Main Device	Channel No	Device Types	Silent Alarm	Chime	Linked Camera	Operation
☐	2	8	Zone 2	Zones Built-in	1	Delay	Disable	Disable	/	  
☐	3	9	Zone 3	Zones Built-in	8	Instant	Disable	Disable	/	  

2. Select a zone and click  to enter the Zone Settings page.

Zone Settings

Zone Type

Instant

Detector Contact Mode

EOL

Pulse Sensitivity

250ms

Resistance(Alarm)

2.2k

Stay Arm Bypass

☐

Forbid Bypass on Arming

☐

Chime

☐

Silent Alarm

☐

Sounder Delay Time

0

s

Double Knock

☐

Cross Zone

None

Link Pircam

Not Link

Link Camera

Not Link

Module Address

254

3. Edit the zone name.
4. Check linked areas.

 Note

- Only enabled areas will be listed.
 - The newly added peripheral is linked to area 1 by default.
-

5. Select a zone type.

Instant Zone

This Zone type will immediately trigger an alarm event when armed.

Delay Zone

-Exit Delay: Exit Delay provides you time to leave through the zone without alarm.

Arm with faults is enabled: You should confirm faults first, and then the zone is in arming process. If the delay zone is triggered within the exit delay time but it restores before the time ends, the alarm will not be triggered and the zone will be armed.

Arm with faults is disabled: Immediately armed. If the delay zone is triggered within the exit delay time but it restores before the time ends, the alarm will not be triggered.

-Entry Delay: Entry Delay provides you time to enter the zone to disarm the system without alarm.

After triggering, if the zone is not disarmed or silenced before the entry delay time ends, the zone will alarm.

-Stay Arm Delay Time: Stay arming uses Stay Arm Delay Time to count down.

The system gives Entry/Exit delay time when it is armed or reentered. It is usually used in entrance/exit route (e.g. front door/main entrance), which is a key route to arm/disarm via operating keypad for users.

 Note

- You can set 2 different time durations in **System Options** → **Schedule & Timer**.
 - Ensure that timer is no longer than 45 seconds in order to comply with EN50131-1.
 - You can set Stay Arm Delay Time for the delay zone.
-

Panic Zone

24-hour active zone, whether armed or not. Report panic alarm after triggering. It is usually used in the sites equipped with panic button, smoke detector and glass-break detector.

Medical Alarm

24-hour active zone, whether armed or not. Report medical alarm after triggering.

Fire Zone

24-hour active zone, whether armed or not. Report fire alarm after triggering.

Gas Zone

24-hour active zone, whether armed or not. Report gas alarm after triggering.

Follow Zone

The zone acts as delayed zone when it detects triggering event during system Entry Delay, while it acts as instant zone otherwise.

Keyswitch Zone

-By Trigger Time: Change the arming and disarming status after each trigger. For example, in the disarmed status, if the zone is triggered, the linked area will be armed. Trigger the zone again and the area will be disarmed.

-By Zone Status: You need to choose to arm or disarm the linked area after the zone is triggered.

In the case of the tampering alarm, the arming and disarming operation will not be triggered.

Disabled Zone

Zone disabled ignoring any alarm event. It is usually used to disable faulty detectors.

24-hour Zone

The zone activates all the time with sound/light output when alarm occurs, whether it is armed or not. It is usually used in fire hazardous areas equipped with smoke detectors and temperature sensors.

Timeout Zone

The zone activates all the time. When this zone has been triggered or restored and exceeds the set time, an alarm will be generated.

It can be used in places equipped with magnetic contacts that require access but for only a short period (e.g., fire hydrant box's door or another external security box door).

-Not-Triggered Zone Alarm: If the zone is not triggered for the set time, it will alarm.

-Alarm on Zone Activated: If the zone is triggered for the set time, it will alarm.

-Retry Time Period: Set the timeout period.

7. Enable other functions according to your detector types and actual needs.

Note

The configurable functions vary in different detectors and zones. Refer to the actual zone to set the function.

Arm Mode

If the zone is a public zone (the zone belongs to more than one areas), you can set arm mode.

And: When all linked areas are armed, the zone will arm. When any of linked areas is disarmed, the zone will disarm.

Or: When any of the linked areas is armed, the zone will arm. When all linked areas are disarmed, the zone will disarm. When the zone is in alarm, the disarmed areas linked with the zone cannot be armed.

Stay Arm Bypass

The zone will be automatically bypassed in stay arming.

Cross Zone

PD6662 is not enabled: You need to set the combined time interval.

When the first zone is triggered, the system will start timing after the zone is restored. If the second zone is triggered within the set time, both zones will give alarms. Otherwise, no alarm will be triggered.

If the first zone is not be restored, both zones will give alarms when the second zone is triggered, regardless of whether the set time has elapsed.

PD6662 is enabled: You need to set the combined time interval.

The first zone will give an alarm when triggered. If the first zone is not restored and the second zone is triggered, the system will report the alarm confirmation.

If the first zone is restored, the system will start timing. If the second zone is triggered within the set time, the system will report the alarm confirmation.

If the first zone is restored, the system will start timing. If the second zone is not triggered within the set time, no information will be reported.

Forbid Bypass on Arming

After enabled, you cannot bypass zones when arming.

Chime

Enable the doorbell. Usually used for door magnetic detectors.

Silent Alarm

After enabled, when an alarm is triggered, only the report will be uploaded and no sound is emitted.

Double knock

After enabled, the time interval can be set. If the same detector is triggered twice or continuously in a period of time, the alarm will be triggered.

Sounder Delay Time

The sounder will be triggered immediately (0s) or after the set time.

Final Door Exit

Only magnetic contacts have this option.

After enabling, when the user use keypads or tags to arm:

-Arm With Faults is enabled: During the arming countdown, if the magnetic contact is triggered and then restored, the arming process will be terminated immediately after restoring, and the arming is completed.

- Arm With Faults is disabled: If the magnetic contact is triggered and then restored, the linked area immediately arms the delayed zone.

Dual Zone

After enabled, when multi transmitter detects that the entire zone circuit of the local zone and the extended zone is open circuit, both zones trigger lid opened alarms.

Timer With Restart

During the Exit Delay process, the exit delay time will be re-timed at the time when the second delay zone was triggered.

7. If required, link a PIRCAM or a camera for the zone.
8. Click **OK**.



Note

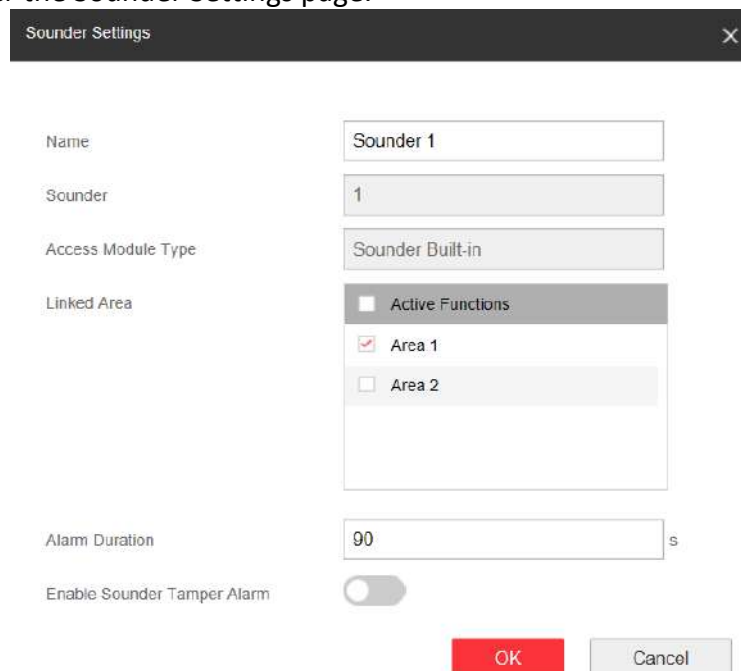
After setting the zone, you can enter **Maintenance** → **Device Status** → **Zone Status** to view the zone status.

Sounder

Set sounder parameters.

Steps

1. Click **Device** → **Sounder** to enter the Sounder page.
2. Click  to enter the Sounder Settings page.



3. Set the sounder name and alarm duration.
4. Check the linked area.



Note

- Only enabled areas will be listed.
 - The newly added peripheral is linked to area 1 by default.
-

6. Enable **Sounder Tamper Alarm**.

7. Click **OK**.

Note

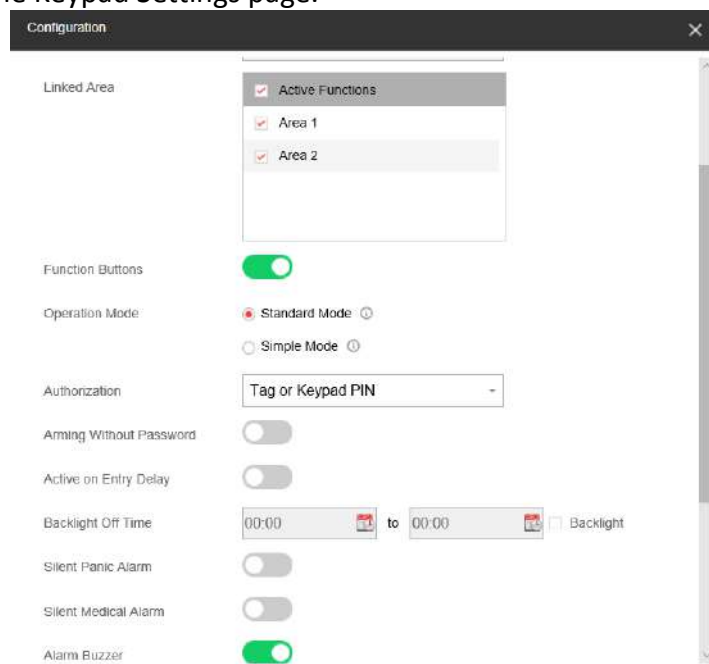
After the sounder is configured, you can click **Maintenance** → **Device Status** → **Sounder Status** to view the sounder status.

Keypad

You can set the parameters of the keypad that is enrolled to the AX HYBRID PRO .

Steps

1. Click **Device** → **Keypad** to enter the page.
2. Click  to enter the Keypad Settings page.



3. Set the keypad name.
4. Check linked areas.
5. Select the keypad mode.

Standard Mode

Area selection and fault confirmation are supported when swiping tag to arm or disarm.

Simple Mode

No Area selection and fault confirmation when swiping tag to arm or disarm.

6. Enable the function according to your actual needs.

Authorization

Only standard mode has this function. You can select the authorization method.

Active on Entry Delay

When someone enters the delay zone, the screen and backlight of the keypad will be on.
This function can indicate the keypad position for those who enter the delay zone at night.

Keypad Arming Light

Enable the arming indicator of the keypad.

Note

- Only enabled areas will be listed.
 - The newly added peripheral is linked to area 1 by default.
 - For detailed information, refers to the keypad user manual.
-

7. Click **OK**.

Note

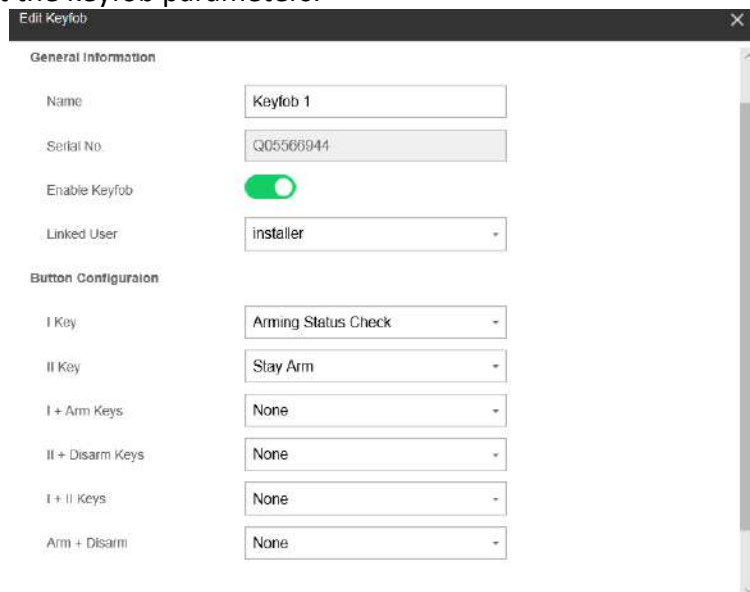
- After the keypad is configured, you can click **Maintenance** → **Device Status** → **Keypad Status** to view the keypad status.
 - You can set the keypad password on the page of **User** → **User Management** → **Operation**.
-

Keyfob

You can set the parameters of the keyfob.

Steps

1. Click **Device** → **Keyfob** to enter the page.
2. Click **Enroll** to add a keyfob.
3. Click  to edit the keyfob parameters.



4. Enable the keyfob.
5. Select a linked user.

6. Configure the functions of the buttons according to your actual needs.
7. Click **OK**.

Tag

You can set the parameters of tags.

Steps

1. Click **Device** → **Tag** to enter the page.
2. Click **Enroll**, enter the serial No. to add a tag, or click  to edit the tag parameters.

Add Tag

×

Tag Information

Enable

☒

Serial No.

Name

Tag 1

Linked User

11

▼

Device Types

Operation Tag

▼

OK

Cancel

3. Edit tag name.
4. Select the linked user.
5. Select tag types.

Operation Tag

You can swipe the tag to arm or disarm.

Patrol Tag

When you swipe the tag, the system will upload a record.

6. Click **OK**.

Automation

You can set the parameters of the relay outputs that is enrolled.

Steps

1. Click **Device** → **Automation** to enter the page.
2. Click **Enroll**, enter the serial No. and select the main device type, main device name, channel to add a relay output device.
3. Click  to edit the relay information.

The screenshot shows the 'Automation' configuration window. The 'Name' field is set to 'Relay 1'. The 'Main Device Type' is 'Outputs Built-in'. The 'Channel No.' is '1'. The 'Linked Area' section shows 'Active Functions' checked, with 'Area1' and 'Area2' listed below it. The 'Scenario Setting' section has two tabs: 'Event Type' and 'Parameter Setting'. Under 'Event Type', 'Alarm' is selected. Under 'Parameter Setting', 'Secondary Event' is selected, and 'Active Functions' is checked. The 'Activation Mode' is set to 'Pulsed'. The 'Module Address' is '254'. The 'OK' and 'Cancel' buttons are at the bottom right.

4. Set the relay name.
5. Select the linked area.

Note

- Only enabled areas will be listed.
- The newly added peripheral is linked to area 1 by default.
- The function varies according to different relay types

6. Set event type and its parameters:

Secondary Event

The sub-event type of alarm, arm, disarm and fault event.

Activation Mode

Latched: Continue the output until the relay is manually closed or opened.

Pulsed: The relay will be closed/open after the set duration.

Contact Status

Normally Open: Under normal conditions, the relay is open. When the event is triggered, the relay will be closed.

Normally Closed: Under normal conditions, the relay is closed. When the event is triggered, the relay will be open.

Schedule

You can set the close/open time for the relay.

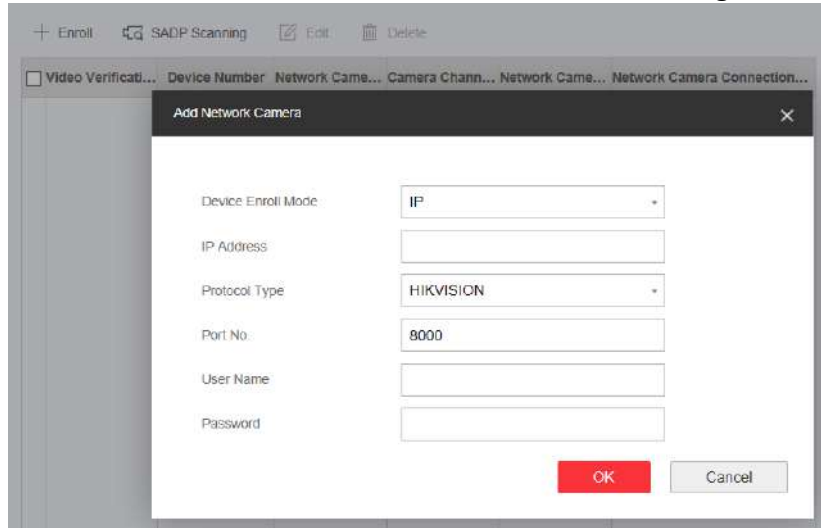
7. Click **OK**.

Network Camera

You can add network cameras in the system.

Steps

1. Click **Device** → **Network Camera** to enter the network camera management page.



2. Click **Enroll**, and enter the basic information of the camera, such as IP address and port No., and select the protocol type.
3. Enter the user name and password of the camera.

SADP Scanning

Scan all network cameras in the same LAN. A list will pop up after scanning. You can directly check to add cameras in the list.

4. Click **OK**.
5. **Optional**: Click **Edit** or **Delete** to edit or delete the selected camera.

Module

Set module parameters.

Steps

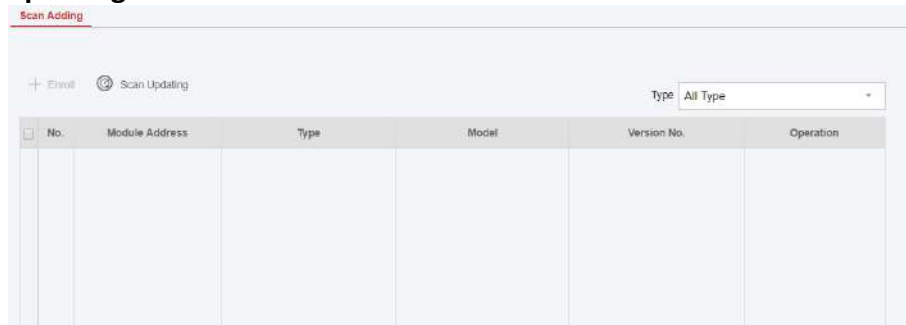
1. Click **Device** → **Module** to enter the page.
2. Click  edit the parameters.
3. Select linked areas.
4. **Optional**: Enable **AUX** according to your needs. It will enable the auxiliary power output of the module. (Only for input expanders and output expanders.)
5. Click **OK**.

Scan Adding

Scan peripherals on the bus, and display the scanned peripherals that are not enroll as a list.

Steps

1. Click **Device** → **Scan Adding** to enter the page.
2. Click **Scan Updating** to see if there are devices can be added.



No.	Module Address	Type	Model	Version No.	Operation
-----	----------------	------	-------	-------------	-----------



Note

The scan takes 3 to 5 minutes.

3. Scanned peripherals will be listed.
4. Tick the checkbox in front of the peripheral. Multiple selection is possible.
5. Click **+Enroll** to add peripherals.

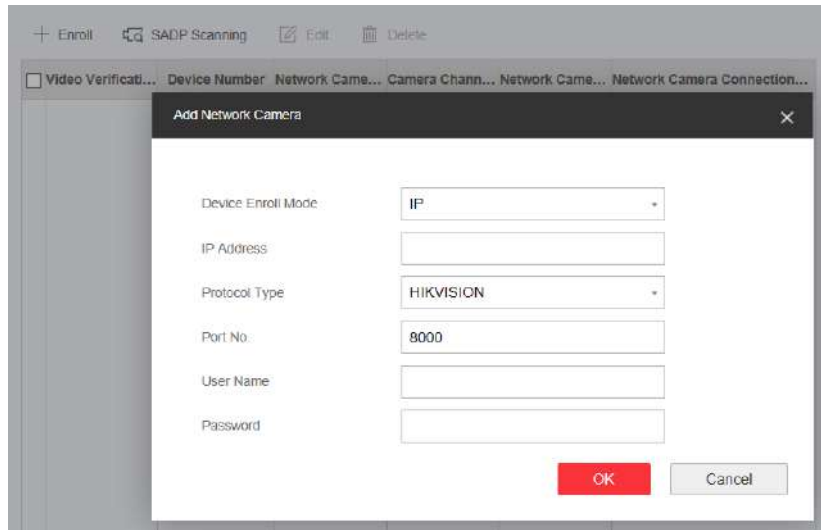
3.1.3 Video Management

You can add network cameras (4 for DS-PHA64-LP /2 for DS-PHA48-EP) to the AX HYBRID PRO , and link the camera with the selected zone for video monitoring. You can also receive and view the event video via client and Email.

Add Cameras to the AX HYBRID PRO

Steps

1. Click **Device** → **Network Camera** to enter the network camera management page.



2. Click **Enroll**, and enter the basic information of the camera, such as IP address and port No., and select the protocol type.
3. Enter the user name and password of the camera.

SADP Scanning

Scan all network cameras in the same LAN. A list will pop up after scanning. You can directly check to add cameras in the list.

4. Click **OK**.
5. **Optional**: Click **Edit** or **Delete** to edit or delete the selected camera.

Link a Camera with the Zone

Steps

1. Click **Device** → **Zone** to enter the configuration page.
2. Select a zone that you wish to include video monitoring, and click .
3. Select the **Link Camera**.
4. Click **OK**.

Note

Only if the zone is linked with a network camera, the alarm email will be attached with alarm video.

Set Video Parameters

Steps

1. Click **Device** → **Network Camera** → **Video Parameters** to enter the page.

2. Select a camera and set the video parameters.

Stream Type

Main Stream: Being used in recording and HD preview, it has a high resolution, code rate and picture quality.

Sub-Stream: It is used to transmit network and preview pictures as a video streaming with features of lower resolution, bit rate and picture quality.

Bitrate Type

Select the Bitrate type as constant or variable.

Resolution

Select the resolution of the video output.

Video Bitrate

The higher value corresponds to the higher video quality, but the better bandwidth is required.

Post-record/Pre-record

Set the recording video time before and after the alarm.

3.1.4 Area Settings

Basic Settings

You can link zones to the selected area.

Steps

1. Click **Area** → **Basic Settings** to enter the page.
2. Select an area.

3. Check **Enable**.
4. Check the check box to select zones for the area.
5. Click **Save**.

3.1.5 Communication Settings

Wired Network

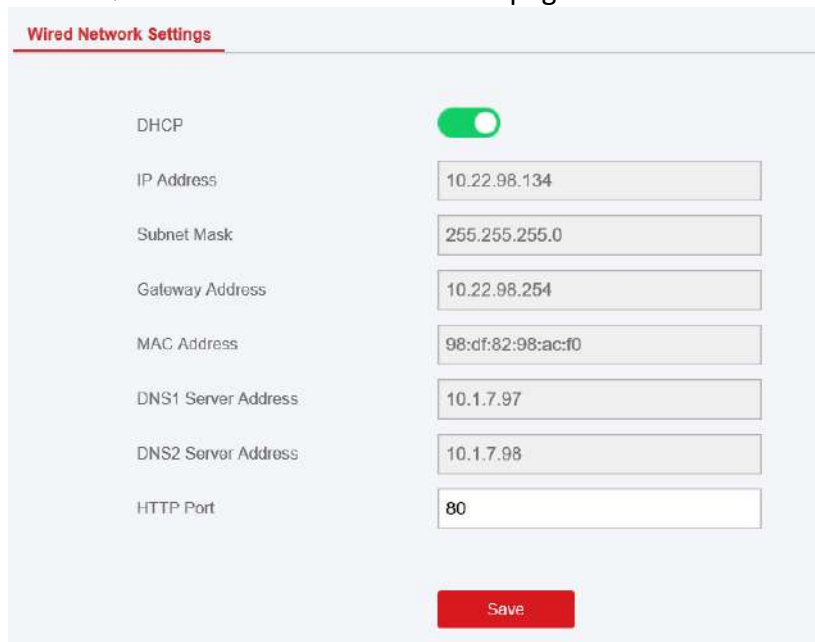
You can set the device IP address and other network parameters.

Steps



Functions varied depending on the model of the device.

1. Click **Communication**→ **Wired Network** to enter the page.

A screenshot of the 'Wired Network Settings' web interface. The title 'Wired Network Settings' is at the top left. Below it, there is a list of settings. 'DHCP' is a toggle switch that is turned on (green). Below it are input fields for 'IP Address' (10.22.98.134), 'Subnet Mask' (255.255.255.0), 'Gateway Address' (10.22.98.254), 'MAC Address' (98:df:82:98:ac:f0), 'DNS1 Server Address' (10.1.7.97), 'DNS2 Server Address' (10.1.7.98), and 'HTTP Port' (80). At the bottom right is a red 'Save' button.

Wired Network Settings	
DHCP	☒
IP Address	10.22.98.134
Subnet Mask	255.255.255.0
Gateway Address	10.22.98.254
MAC Address	98:df:82:98:ac:f0
DNS1 Server Address	10.1.7.97
DNS2 Server Address	10.1.7.98
HTTP Port	80
<button>Save</button>	

2. Set the parameters.
 - Automatic Settings: Enable **DHCP** and set the HTTP port.
 - Manual Settings: Disabled **DHCP** and set **IP Address**, **Subnet Mask**, **Gateway Address**, **DNS Server Address**.
3. **Optional**: Set correct DNS server address if the device needs to visit Hik-Connect server via a domain name.
4. Click **Save**.

Wi-Fi

You can set the Wi-Fi parameters if there are secure and credible Wi-Fi networks nearby.

Steps

1. Click **Communication** → **Wi-Fi** to enter the Wi-Fi page.

Status of STA/AP Swit...

Switch Mode: STA Mode

Wi-Fi

SSID Wi-Fi: NETGEAR91

Wi-Fi Password:

Encryption Mode: WPA2-personal

Network List

Name	Channel...	Signal S...	Encryption Mode	Operation
NETGEAR91	13	55	WPA2-personal	Disconnect
HAP_Q02737101	11	70	WPA2-personal	Connect
HAP_Q01786103	11	60	WPA2-personal	Connect
HAP_Q02630875	11	59	WPA2-personal	Connect
HUAWEI-B311-8E54	5	58	WPA2-personal	Connect
HAP_Q01877075	11	58	WPA2-personal	Connect
HAP_Q98998931	11	56	WPA2-personal	Connect

Save

2. Connect to a Wi-Fi.
 - Manually Connect: Enter the **SSID Wi-Fi** and **Wi-Fi Password**, select **Encryption Mode** and click **Save**.
 - Select from Network List: Select a target Wi-Fi from the Network list. Click **Connect** and enter Wi-Fi password and click **Connect**.
3. Click **WLAN** to enter the WLAN page.

Wi-Fi Settings **WLAN**

DHCP ☒

IP Address 192.168.1.138

Subnet Mask 255.255.255.0

Gateway Address 192.168.1.1

MAC Address 80:9f:9b:0a:46:67

DNS1 Server Address 192.168.1.1

DNS2 Server Address

Save

4. Set **IP Address**, **Subnet Mask**, **Gateway Address**, and **DNS Server Address**.

 Note

If enable DHCP, the device will gain the Wi-Fi parameters automatically.

5. Click **Save**.

Cellular Network

Set the cellular network parameters if you insert a SIM card inside the device. By using the cellular network, the device can upload alarm notifications to the alarm center.

Before You Start

Insert a SIM card into the device SIM card slot.

Steps

1. Click **Communication** → **Cellular Data Network** to enter the Cellular Data Network Settings page.

Cellular Data Network Settings

Enable

SIM Card1

Access Number

*99***1#

For accessing private network, you need to enter the accessing number.

User Name

Access Password

APN

MTU

1400

PIN Code

Data Usage Limit

Data Used This Month

0.0

M

Data Limited per Month

0

M

SIM Card2

2. Enable the function.
3. Set the cellular data network parameters.

Access Number

Input the operator dialing number.



Note

Only the private network SIM card user needs to enter the access number.

User Name

Ask the network carrier and input the user name.

Access Password

Ask the network carrier and input the password.

APN

Ask the network carrier to get the APN information and enter the APN information.

Data Usage Limit

You can enable the function and set the data threshold every month. If data usage is more than the configured threshold, an alarm will be triggered and uploaded to the alarm center and mobile client.

Data Used This Month

The used data will be accumulated and displayed in this text box.

4. Click **Save**.

Alarm Center

You can set the alarm center's parameters and all alarms will be sent to the configured alarm center.

Steps

1. Click **Communication** → **Alarm Receiving Center** to enter the Alarm Receiving Center page.

The screenshot shows the 'Alarm Receiving Center' configuration page. At the top, there are four tabs: ARC1, ARC2, ARC3 (selected), and ARC4. Below the tabs, the configuration settings for the selected ARC are displayed. The settings include: 'Enable' (a green toggle switch), 'Connection Type' (a dropdown menu set to 'IP'), 'Protocol Type' (a dropdown menu set to 'ADM-CID'), 'GMT' (a green toggle switch), 'Address Type (Alarm Receiver Server)' (a dropdown menu set to 'IP'), 'Server Address (Alarm Receiver Server)' (a text input field containing '0.0.0.0'), 'Port No. (Alarm Receiver Server)' (a text input field containing '1'), 'Account Code' (a text input field), 'Transmission Mode' (a dropdown menu set to 'TCP'), 'Impulse Counting Time' (a text input field containing '20' with a unit 's' next to it), 'Attempts' (a text input field containing '3'), 'Polling Rate' (a text input field with a unit 's' and an 'Enable' checkbox), 'Periodic Test' (a grey toggle switch), and 'Companies' (a dropdown menu set to 'None'). At the bottom of the page, there are two buttons: 'Save' (a red button) and 'Manual Test' (a light blue button).

2. Select the **ARC1** or **ARC3** for configuration, and slide the slider to enable the selected alarm receiver center.

Note

Only if the alarm receiver center 1/3 is enabled, you can set the alarm receiver center 2/4 as the **backup channel** and edit the channel parameters.

3. Select the **Protocol Type** as **ADM-CID**, **ISUP**, **SIA-DCS**, ***SIA-DCS**, ***ADM-CID**, or **CSV-IP** to set uploading mode.

 Note

Standard DC-09 Protocol

ADM-CID: The data presenting method of DC-09 is CID, which is not encrypted and only for uploading alarm report.

*ADM-CID: The data presenting method of DC-09 is CID, which is encrypted and only for uploading alarm report.

SIA-DCS: The data presenting method of DC-09 is DCS (also called SIA protocol), which is not encrypted and only for uploading alarm report.

*SIA-DCS: The data presenting method of DC-09 is DCS (also called SIA protocol), which is encrypted and only for uploading alarm report.

ADM-CID or SIA-DCS: You should select the **Address Type** as **IP** or **Domain name**, and enter the Server address, port number, account code, impulse counting time, attempts, polling rate, etc.

 Note

Set the polling rate with the range from 10 to 3888000 seconds.

ISUP, CSV-IP: You do not need to set the protocol parameters.

***SIA-DCS or *ADM-CID** You should select the **Address Type** as **IP** or **Domain name**, and enter the IP address, port number, account code, impulse counting time, attempts, polling rate, encryption arithmetic, password length, etc.

 Note

Set the polling rate with the range from 10 to 3888000 seconds.

1. Click **Save**.

Use PIRCAM to Upload Pictures or Videos

You can enable the PIRCAM function to upload pictures or videos.

1. Upload Pictures

You can choose to upload 1 to 20 pictures.

- (1) Click **Communication** → **Alarm Receiving Center** to enter the page.
- (2) Slide the slider to enable the selected alarm receiver center.
- (3) Select the **Protocol Type** as **SIA-DCS**.
- (4) Select the **Companies** as **French Alarm Receiving Company**.
- (5) Click **Save**.

Destination IP or Host Name	URL	Protocol	Port	Test
0.0.0.0	/	HTTP	80	<button>Test</button>
0.0.0.0	/	HTTP	80	<button>Test</button>

(6) Configure SMTP or FTP parameters.

Configure SMTP parameters:

Click **Communication** → **Notification by Email**.

Enable **Video Verification Events** and set corresponding parameters. For details, see Notification by Email. Click **Save**.

Configure FTP parameters:

Click **Communication** → **FTP** to enter the FTP Settings page.

Slide the slider to enable FTP and set corresponding parameters. For details, see [FTP](#).

Click **Save**.

2. Upload Videos

In this condition, when the PIRCAM is set to catch more than two pictures, videos will be uploaded.

- (1) Click **Communication** → **Alarm Receiving Center** to enter the Alarm Receiving Center page.
- (2) Slide the slider to enable the selected alarm receiver center.
- (3) Select the **Protocol Type** as **SIA-DCS**.
- (4) Click **Save**.
- (5) Configure SMTP or FTP parameters as same as Upload Photos.

Notification Push

When an alarm is triggered, if you want to send the alarm notification to the client, alarm center, cloud or mobile phone, you can set the notification push parameters.

Steps

1. Click **Communication** → **Event Types Notification**.

Notification Type	Status
Zone Alarm/Lid Opened	Enabled
Peripherals Lid Opened	Enabled
Panel Lid Opened	Enabled
Panic Alarm	Enabled
Medical Alarm	Enabled
Fire Alarm	Enabled
Gas Alarm	Enabled
Panel Status	Enabled
Zone Status	Enabled
Peripherals Status	Enabled
Panel Operation	Enabled
Smart Alarm Event	Enabled

Save

2. Enable the target notification.

Zone Alarm/Lid Opened

The device will push notifications when the zone alarm (on web client, software client or mobile client) is triggered or the zone peripherals alarm is triggered or restored.

Peripherals Lid Opened

The device will push notifications when lid opened alarm of any peripheral is triggered or restored.

Panel Lid Opened

The device will push notifications when lid opened alarm of the control panel is triggered or restored.

Panic Alarm

The device will push notifications when panic alarm on keypads or keyfobs is triggered or restored.

Medical Alarm

The device will push notifications when medical alarm on keypads is triggered.

Fire Alarm

The device will push notifications when fire alarm on keypads is triggered or a user presses the fire alarm key on the keypad.

Gas Alarm

The device will push notifications when gas alarm on keypads is triggered.

Panel Status

The device will push notifications when the control panel system status is changed.

Zone Status

The device will push notifications when any zone status is changed.

Peripherals Status

The device will push notifications when any peripheral status is changed.

Panel Operation

The device will push notifications when the user operate the control panel.

Smart Alarm Event

The device will push notifications when alarm is triggered in network cameras.

3. **Optional:** For **Alarm Receiving Center**, you need to select center number before settings.
4. **Optional:** If you want to send the alarm notifications to the mobile client, you should set **Phone Call and SMS** parameters.

- (1) Set the **Mobile Phone Index** and **Mobile Phone Number**.

- (2) Check **Voice Call** on **Telephone** page.
- (3) Select time of **Filtering Interval Time** and **Number of Calls**.
- (4) Check **SMS** on **Message** page.
- (5) Select areas that have arming, disarming or alarm clearing permission.

General Hint

You can import **Common Voice**. When the alarm is triggered, your customized voice will be added at the beginning of the content of the phone dialed by the system.



Only WAV format is supported, up to 512 KB and 15 s.

You can enter **Common Message**. When the alarm is triggered, your customized content will be added at the beginning of the message sent by the system.

5. Click **Save**.



For mobile phone notification:

- You need to press * to finish the call.
 - It is required to add control code when entering the mobile phone number.
-

Cloud Service

If you want to register the device to the mobile client for remote configuration, you should set the mobile client registration parameters.

Before You Start

- Connect the device to the network via wired connection, dial-up connection, or Wi-Fi connection.
- Set the device IP address, subnet mask, gateway and DNS server in the LAN.

Steps

1. Click **Communication** → **Cloud Service** to enter the Hik-Connect Registration Settings page.

2. Check **Register to Hik-Connect**.



Note

By default, the device Hik-Connect service is enabled.

You can view the device status in the Hik-Connect server (www.hik-connect.com).

3. Enable **Custom Server Address**.

The server address is already displayed in the Server Address text box.

4. Select a communication mode from the drop-down list according to the actual device communication method.

Wired Network & Wi-Fi Priority

The connection priority order from high to low is: wired network, Wi-Fi, cellular data network.

Wired & Wi-Fi

The system will select wired network first. If no wired network detected, it will select Wi-Fi network.

Cellular Data Network

The system will select cellular data network only.

5. Optional: Change the verification code.



Note

- By default, the verification code is displayed in the text box.
 - The verification code should contain 6 to 12 letters or digits. For security reasons, an 8-character password is suggested, which containing two or more of the following character types: uppercases, lowercases, and digits.
-

6. Enable **Periodic Test**. Enter the periodic test interval.
7. Click **Save**.

Notification by Email

You can send the alarm video or event to the configured email.

Steps

1. Click **Communication** → **Notification by Email** to enter the page.
2. Enable **Video Verification Events** and **Server Authentication**.
3. Enter the sender's information.



It is recommended to use Gmail and Hotmail for sending mails.

Only if the zone is linked with a network camera, the alarm email will be attached with alarm video.

4. Enter the receiver's information.
5. Click **Receiver Address Test** and make sure the address is correct.
6. Click **Save**.

NAT

Universal Plug and Play (UPnP™) is a networking architecture that provides compatibility among networking equipment, software and other hardware devices. The UPnP protocol allows devices to connect seamlessly and to simplify the implementation of networks in the home and corporate environments.

Enable the UPnP function, and you don't need to configure the port mapping for each port, and the device is connected to the Wide Area Network via the router.

Steps

1. Click **Communication** → **NAT** to enter the page.

NAT Settings

Enable UPnP ☒

Mapping Type

Port Type

HTTP Port

Service Port

Status

Port Type	External Port	External IP Ad..	Internal Port	UPnP Status
HTTP Port	80	0.0.0.0	80	Inoperative
Service Port	8000	0.0.0.0	8000	Inoperative

2. Drag the slider to enable UPnP.
3. **Optional:** Select the mapping type as **Manual** and set the HTTP port and the service port.
4. Click **Save** to complete the settings

FTP

You can configure the FTP server to save alarm video.

Steps

1. Click **Communication** → **FTP** to enter the page.
2. Configure the FTP parameters

FTP Type

Set the FTP type as preferred or alternated.

FTP Protocol

FTP and SFTP are selectable. The files uploading is encrypted by using SFTP protocol.

Server and Port

The FTP server address and corresponding port.

User Name and Password

The FTP user should have the permission to upload pictures. If the FTP server supports picture uploading by anonymous users, you can check Anonymous to hide your device information during uploading.

Directory Structure

The saving path of snapshots in the FTP server.

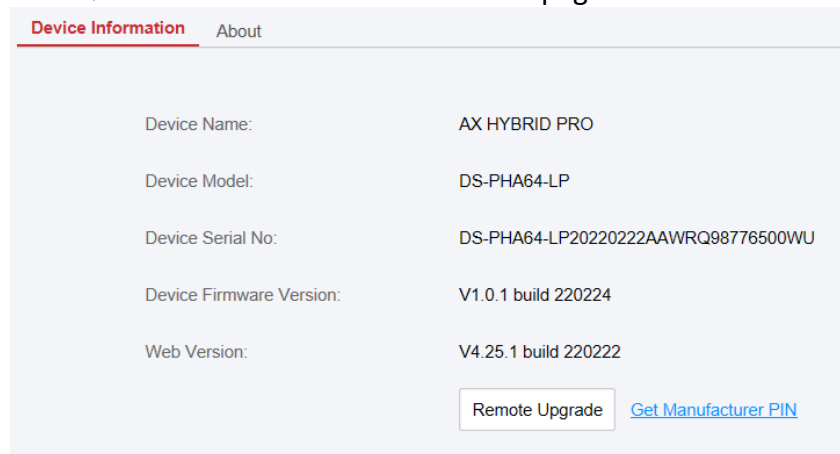
3.1.7 Maintenance

Device Upgrade

Only installer can upgrade the device on web client.

Steps:

1. Click **Maintenance** → **Device Information** to enter the page.



Device Information		About
Device Name:	AX HYBRID PRO	
Device Model:	DS-PHA64-LP	
Device Serial No:	DS-PHA64-LP20220222AAWRQ98776500WU	
Device Firmware Version:	V1.0.1 build 220224	
Web Version:	V4.25.1 build 220222	
		<button>Remote Upgrade</button> Get Manufacturer PIN

2. Click **Get Manufacturer PIN** to view the PIN.
3. Click **Remote Upgrade** and enter the PIN.
4. Click **OK** to complete.



Both of the users and configuration information will be retained after upgrade finished.

View Licenses

You can view device name and other information.

Click **Maintenance** → **Device Information** → **About** to enter the page.

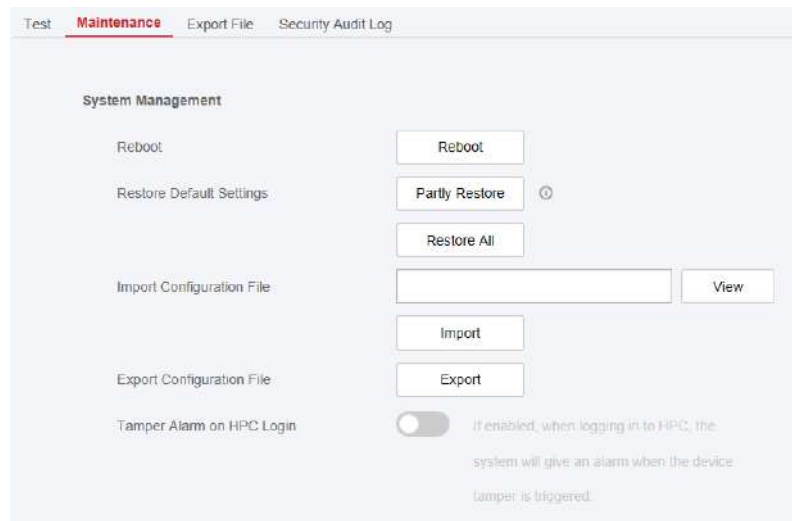
You can click **View Licenses** to view the source software licenses.

You can go to **System** → **System settings** to change the device name.

Local Log Search

You can search the log on the device.

Click **Maintenance** → **Log** to enter the Local Log Search page.



Reboot

Click **Reboot** to reboot the device.

Restore Default Settings

Click **Partly Restore** to restore all parameters except for admin user information, wired network, Wi-Fi network, detector information, and peripheral information to default ones.
Click **Restore All** to restore all parameters to the factory settings.

Import Configuration File

Click **View** to select configuration file from the PC and click **Import Configuration File** to import configuration parameters to the device. Importing configuration file requires entering the password set at the time of exporting.

Export Configuration File

Click **Export Configuration File** to export the device configuration parameters to the PC. Exporting configuration file requires a password to be used for file encryption.

Tamper Alarm on HPC Login

After this function is enabled, the device lid opened alarm (tamper alarm) takes effect when installer login. (By default, the lid opened alarm (tamper alarm) does not take effect when the installer login.)

Export File

You can export debugging file to the PC.

Steps

1. Click **Maintenance** → **Device Maintenance** → **Export File** to enter the page.

The screenshot shows the 'Export File' tab selected in the top navigation bar. Below the navigation bar, there are two settings: 'Debugging Log' with a green toggle switch turned on, and 'File Format' with a dropdown menu showing 'Debugging Log'. Below these settings are two buttons: 'Export' and 'Save'.

2. Check the check box to enable the function.
3. Click **Export** to save the debugging file in the PC.

Security Audit Log

You can add the Security Audit Server to the system. The device will upload web logs to the server.

Steps

1. Click **System Maintenance** → **Device Maintenance** → **Security Audit Log** to enter the page.

The screenshot shows the 'Advanced Settings' page. At the top, there is a checkbox labeled 'Enable Log Upload Server' which is checked. Below this, there is a section for 'Server Settings' with two input fields: 'Log Server IP' containing '0.0.0.0' and 'Log Server Port' containing '0'. Below these is a 'CA Certificate' section with an 'Install' button and a 'View' button. At the bottom of the page is a red 'Save' button.

2. Check **Enable Log Upload Server**.
3. Enter log server IP and port.
4. Click **View** to select a certificate.

Note

Formats include ca.crt、ca-chan.crt、private.txt are allowed.

5. Click **Install**.
6. Click **Save**.

3.1.8 Check Status

After setting the zone, repeater, and other parameters, you can view their status. Click **Maintenance** → **Device Status**. You can view the status of zone, sounder, automation, keypad, keyfob and module.

The screenshot shows the 'AX Hybrid PRO Status' page with a navigation bar at the top containing links: 'AX Hybrid PRO Status' (highlighted), 'Zone Status', 'Sounder Status', 'Automation', 'Keypad Status', 'Keyfob Status', and 'Module Status'. The main content area is divided into two sections: 'Battery Status' and 'Communication Status'. Under 'Battery Status', there is a 'Battery Charge' label next to a progress bar showing '0%'. Under 'Communication Status', there are four labels: 'Wired Network' (Connected), 'Wi-Fi' (Disconnected), 'Wi-Fi Signal Strength' (None), and 'Cloud Connection Status' (Connected). Each label is next to a corresponding status bar. At the bottom right of the main content area, there is a red 'Refresh' button.

3.2 Set-up with Hik-Proconnect

The installer can use the Hik-Proconnect to configure the AX HYBRID PRO, such as activation, device enrollment etc.

3.2.1 Download and Login the Hik-ProConnect

Download the Hik-ProConnect mobile client and login the client before operating the AX HYBRID PRO.

Steps

1. Download Hik-ProConnect mobile client.
2. Optional: Register a new account if it is the first time you use the Hik-ProConnect mobile client.

Note

- For details, see *User Manual of Hik-ProConnect Mobile Client*.
 - You need an invitation code for registration. Please ask technical supports.
-

3. Run and login the client.

3.2.2 Add AX HYBRID PRO to the Mobile Client

Add AX HYBRID PRO to the mobile client before other operations.

Steps

1. Power on the AX HYBRID PRO.
2. Create or search a site.
 - Tap **+**, set site name, time zone, address, city, state/province/region and tap **OK** to create a site.
 - Enter site name in the search area and tap **Search Icon** to search a site.
3. Tap **Add Device**.
 - Tap **Scan QR Code** to enter the Scan QR code page. Scan the QR code on the AX HYBRID PRO.



Note

Normally, the QR code is printed on the label stuck on the back cover of the AX HYBRID PRO.

Tap **Manual Adding** to enter the Add Device page. Enter the device serial No. and verification code to add the device.

4. Activate the **Device**.

3.2.3 Add Peripheral to the AX HYBRID PRO

Add peripheral to the AX HYBRID PRO.

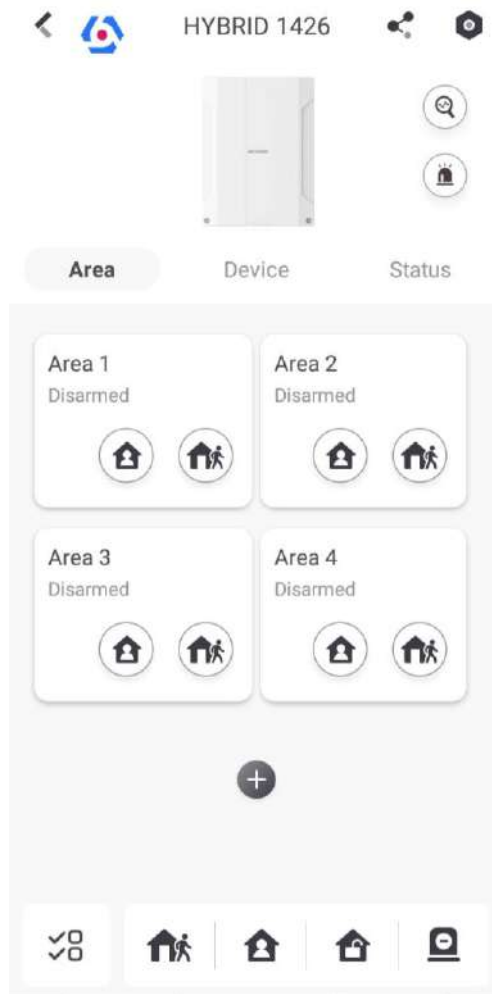
Steps

1. Select a site.
2. Select a control device (AX HYBRID PRO).
3. Tap the **+** icon.
 - Scan the QR code on the peripheral.
 - Tap  to enter the Manually Input page. Enter the device serial No. and select the device type to add the device.

3.2.4 Main Page

You can view faults, arm and disarm areas, view device status, etc.

On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.



Enable Alarm

Tap  to select **Audible Panic Alarm** or **Silent Panic Alarm**.

View Faults

Tap  to view faults.

Area Management

Tap **+** to add an area.

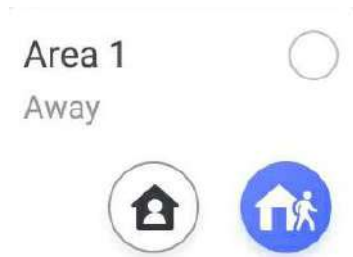
Tap **Area** to enter the area management page. Refers to **3.2.15 Set Arming/Disarming Schedule** for details.

Arm/Disarm the Area

Arm or disarm the area manually as you desired.

On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the Area page.

Operations for a Single Area



- **Away Arming:** Tap to away arm a single area. When all the people in the detection area leave, turn on the Away mode to arm all zones in the area after the defined dwell time.
- **Stay Arming:** Tap to stay arm a single area. When all the people stays inside the detection area, turn on the Stay mode to arm all the perimeter burglary detection set in all the zones of all areas.

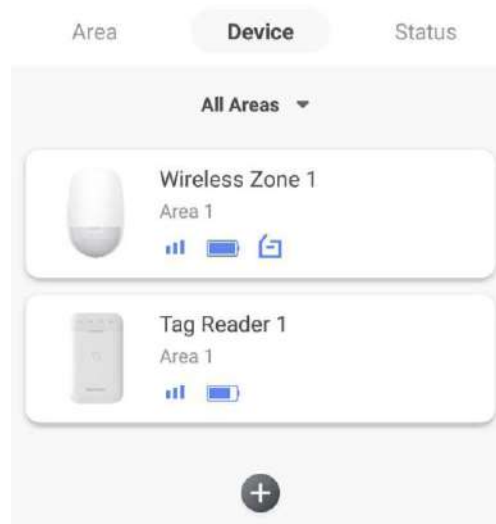
Operations for Multiple Areas



- **Select Areas:** Tap to select areas you want to operate. If you do not select areas, following operations will take effect for all areas.
- **Away Arming:** Tap to away arm selected areas. When all the people in the detection area leave, turn on the Away mode to arm all zones in all areas after the defined dwell time.
- **Stay Arming:** Tap to stay arm all areas. When the people stays inside the detection area, turn on the Stay mode to arm all the perimeter burglary detection (such as perimeter detector, magnetic contacts, curtain detector in the balcony) set in all the zones of all areas. At the meantime, the detectors inside the detection area are bypassed (such as PIR detectors). People can move inside the area and alarm will not be triggered.
- **Disarming:** Tap to disarm all areas. In Disarm mode, all the zones of all areas will not trigger alarm, no matter alarm events happen or not.
- **Silent Alarm:** Tap to silent alarms for all areas.

3.2.5 Zone Management

1. Tap **Device** to view linked zones.



2. Tap + to add a new zone.
3. Tap a zone to enter the management page. You can view device status (e.g. temperature, battery status, signal strength, etc.).
4. Tap  on the upper right corner to enter the zone settings page.
5. Select a zone type.

Instant Zone

This Zone type will immediately trigger an alarm event when armed.

Delay Zone

-Exit Delay: Exit Delay provides you time to leave through the zone without alarm.

Arm with faults is enabled: You should confirm faults first, and then the zone is in arming process. If the delay zone is triggered within the exit delay time but it restores before the time ends, the alarm will not be triggered and the zone will be armed.

Arm with faults is disabled: Immediately armed. If the delay zone is triggered within the exit delay time but it restores before the time ends, the alarm will not be triggered.

-Entry Delay: Entry Delay provides you time to enter the zone to disarm the system without alarm.

After triggering, if the zone is not disarmed or silenced before the entry delay time ends, the zone will alarm.

-Stay Arm Delay Time: Stay arming uses Stay Arm Delay Time to count down.

The system gives Entry/Exit delay time when it is armed or reentered. It is usually used in entrance/exit route (e.g. front door/main entrance), which is a key route to arm/disarm via operating keypad for users.

 Note

- You can set 2 different time durations in **System Options → Schedule & Timer**.
 - Ensure that timer is no longer than 45 seconds in order to comply with EN50131-1.
 - You can set Stay Arm Delay Time for the delay zone.
-

Panic Zone

24-hour active zone, whether armed or not. Report panic alarm after triggering. It is usually used in the sites equipped with panic button, smoke detector and glass-break detector.

Medical Alarm

24-hour active zone, whether armed or not. Report medical alarm after triggering.

Fire Zone

24-hour active zone, whether armed or not. Report fire alarm after triggering.

Gas Zone

24-hour active zone, whether armed or not. Report gas alarm after triggering.

Follow Zone

The zone acts as delayed zone when it detects triggering event during system Entry Delay, while it acts as instant zone otherwise.

Keyswitch Zone

-By Trigger Time: Change the arming and disarming status after each trigger. For example, in the disarmed status, if the zone is triggered, the linked area will be armed. Trigger the zone again and the area will be disarmed.

-By Zone Status: You need to choose to arm or disarm the linked area after the zone is triggered.

In the case of the tampering alarm, the arming and disarming operation will not be triggered.

Disabled Zone

Zone disabled ignoring any alarm event. It is usually used to disable faulty detectors.

24-hour Zone

The zone activates all the time with sound/light output when alarm occurs, whether it is armed or not. It is usually used in fire hazardous areas equipped with smoke detectors and temperature sensors.

Timeout Zone

The zone activates all the time. When this zone has been triggered or restored and exceeds the set time, an alarm will be generated.

It can be used in places equipped with magnetic contacts that require access but for only a short period (e.g., fire hydrant box's door or another external security box door).

-Not-Triggered Zone Alarm: If the zone is not triggered for the set time, it will alarm.

-Alarm on Zone Activated: If the zone is triggered for the set time, it will alarm.

-Retry Time Period: Set the timeout period.

7. Enable other functions according to your detector types and actual needs.

 Note

The configurable functions vary in different detectors and zones. Refer to the actual zone to set the function.

Arm Mode

If the zone is a public zone (the zone belongs to more than one area), you can set arm mode.

And: When all linked areas are armed, the zone will arm. When any of linked areas is disarmed, the zone will disarm.

Or: When any of the linked areas is armed, the zone will arm. When all linked areas are disarmed, the zone will disarm. When the zone is in alarm, the disarmed areas linked with the zone cannot be armed.

Stay Arm Bypass

The zone will be automatically bypassed in stay arming.

Cross Zone

PD6662 is not enabled: You need to set the combined time interval.

When the first zone is triggered, the system will start timing after the zone is restored. If the second zone is triggered within the set time, both zones will give alarms. Otherwise, no alarm will be triggered.

If the first zone is not be restored, both zones will give alarms when the second zone is triggered, regardless of whether the set time has elapsed.

PD6662 is enabled: You need to set the combined time interval.

The first zone will give an alarm when triggered. If the first zone is not restored and the second zone is triggered, the system will report the alarm confirmation.

If the first zone is restored, the system will start timing. If the second zone is triggered within the set time, the system will report the alarm confirmation.

If the first zone is restored, the system will start timing. If the second zone is not triggered within the set time, no information will be reported.

Forbid Bypass on Arming

After enabled, you cannot bypass zones when arming.

Chime

Enable the doorbell. Usually used for door magnetic detectors.

Silent Alarm

After enabled, when an alarm is triggered, only the report will be uploaded and no sound is emitted.

Double knock

After enabled, the time interval can be set. If the same detector is triggered twice or continuously in a period of time, the alarm will be triggered.

Sounder Delay Time

The sounder will be triggered immediately (0s) or after the set time.

Final Door Exit

Only magnetic contacts have this option.

After enabling, when the user use keypads or tags to arm:

- Arm With Faults is enabled: During the arming countdown, if the magnetic contact is triggered and then restored, the arming process will be terminated immediately after restoring, and the arming is completed.
- Arm With Faults is disabled: If the magnetic contact is triggered and then restored, the linked area immediately arms the delayed zone.

Dual Zone

After enabled, when multi transmitter detects that the entire zone circuit of the local zone and the extended zone is open circuit, both zones trigger lid opened alarms.

Timer With Restart

During the Exit Delay process, the exit delay time will be re-timed at the time when the second delay zone was triggered.

3.2.6 User Management

The installers (user of Hik-ProConnect) can manage users. If you are the administrator, you can add, edit, and delete users, and assign different permissions to the newly-added users.

Steps



There are four types of users for the AX HYBRID PRO, including administrator (or owner), operator, and installer (or setter). Different types of users have different permissions for accessing the functionality of the AX HYBRID PRO.

1. Enter the site, tap the AX HYBRID PRO and then log in to the device (if required) to enter the AX HYBRID PRO page.
 2. Tap **Next** to invite the user.
-



The recipient need to accept the invitation.

3. Tap  → **User Management** → **User**.
4. Tap a user to enter the User Management page.

5. Optional: Perform the following operations if required.

User Permission You can tap the target user on the user list and then tap **Edit Icon** to set the permissions authorized to the target user.



Only the administrator can do such an operation.

Set Linked Areas If the target user is an operator, tap the target user on the user list and then tap **Linked Areas** to set the area linked to the target user.



Only the administrator can do such an operation.

Change Keypad Password If the target user is an administrator, an installer, or an operator, you can tap the target user on the user list and then tap **Change Keypad Password** to set the keypad password to the target user.

Change Duress Password If the target user is an administrator or an operator, you can tap the target user on the user list and then tap **Change Duress Password** to set the duress password to the target user.



If under duress, you can enter the duress code on the keyboard to arm and disarm area(s) and upload a duress alarm.

Automation Control An administrator, an installer or an operator can control the relay module, wall switch and smart plug.



- Configuration items and user permission will vary according to the user type.
 - You can view linked cards/tags and keyfobs of the user but you do not have permission to configure them.
-

3.2.7 Card/Tag Management

After adding cards/tags to the wireless AX HYBRID PRO, you can swipe the card/tag to arm or

disarm all the detectors added to specific area(s) of the AX HYBRID PRO, and silence alarms.

 Note

The tag ID/PIN is a 32 bit long integer, and the variant could be 42949672956.

Steps

1. Enter the site, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **User Management** → **Card/Tag** to enter the Card/Tag page.
3. Tap **+** to add a tag.
4. When hearing the voice prompt "Swipe Tag", you should present the tag on the AX HYBRID PRO tag presenting area.
 - When hearing a beep sound, the tag is recognized.
 - The tag will be displayed on the tag page.
5. Optional: Tap a Tag to enter the Setting Page.
6. Tap **Edit Icon** to edit the Tag name.

 Note

- If you log in as an installer, skip this step. Editing tag name is only available to administrator.
 - The name should contain 1 to 32 characters.
-

7. Slide **Enable Tag**.
8. Select a linked user.
9. Select the tag type

 Note

Different linked users have different tag permissions.

Operation Tag

You can swipe the tag to arm or disarm.

Patrol Tag

When you swipe the tag, the system will upload a record.

10. Optional: Tap **Delete** to delete the tag.

3.2.8 Device Information

You can change language and select time zone.

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **System** → **Configuration** to enter the page.

3. Select device language and time zone.

3.2.9 System Management

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **System** → **System Options** → **System Management** to enter the page.

Forced Auto Arm

After enabled, when the timed automatic arming starts, if there are active faults in a zone, the zone will be automatically bypass.

You can go to **System** → **System Options** → **Schedule & Time** to set the auto arming/disarming schedule and linked areas.



You should disable the Arm With Faults in the Arm Options page. Or the Forced Auto Arm/Forced Arming function cannot be valid.

Forced Arming

After enabled, when manual arming starts, if there are active faults in a zone, the zone will be automatically bypass.

You can use keyfobs, tags, and keypads to arm zones, or manually arm zones on APP. Single, multiple or all areas can be selected for arming.



You should disable the Arm With Faults in the Arm Options page. Or the Forced Auto Arm/Forced Arming function cannot be valid.

System Status report

If the option is enabled, the device will upload report to Cloud (for APP) and ARC automatically when the AX HYBRID PRO status is changed.

Voice Prompt

If the option is enabled, the AX HYBRID PRO will enable the voice prompt.

- Fault Prompts on Arming: Voice prompt of faults when arming.
- Fault Prompts When Armed: Voice prompt of faults when the system is armed.
- Fault Prompts on Disarming: Voice prompt of faults when disarming
- Fault Prompts When Disarmed: Voice prompt of faults when the system is disarmed.
- Voice Prompts on Alarm: Voice prompt of faults when an alarm is triggered.

System Volume

The available system volume range is from 0 to 10.

Audible Tamper Alarm

While enabled, the system will alert with buzzer for the tamper alarm. Regardless of whether it is enabled or not, the tamper alarm will be normally pushed to Cloud (for APP) and ARC.

Panel Lockup Button

All functions of AX HYBRID PRO will be frozen after it is enabled. This function can only be enabled by users with installer permission.

Alarm Duration

Set linked alarm voice prompt lasting time.

Wireless Supervision Loss

Detectors and peripherals whose heartbeat loss times exceed the set value will be shown as offline.

Bypass on Re-Arm

While enabled, after the detector is bypassed, if its faults are restored and the linked area is armed, the detector will automatically arm.

Motion Detector Restore

Motion detectors include all PIR detectors.

- Disable: No automatic restore.

- Immediate After Alarm: Motion detectors automatically restores immediately after the alarm and reports to Cloud (for APP) and ARC.

- After Disarm: Motion detectors automatically restores after disarming and reports to Cloud (for APP) and ARC

Jamming Sensitivity Settings

The device will detect RF interference and push messages when the RF interference interferes with communication. You can adjust the detection sensitivity.

Enable PD6662

Enable PD6662 standard. Functions that do not meet the standard will not take effect.

Keypad Logout

After the keypad enters the programming page, if there is no key operation, it will exit the programming page after reaching this time.

3.2.10 Fault Check

The fault check here is only for the control panel in the normal status.

The system determines whether to check the faults listed on the page. The system will only check the fault that is selected.

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.

2. Tap  → **System** → **System Options** → **System Fault Check** to enter the page.

Detect Network Camera Disconnection

If the option is enabled, when the linked network camera is disconnected, an alarm will be triggered. The delay time of network camera disconnection detection is the same as that of LAN.

Panel Battery Fault Check

If the option is enabled, when panel battery is disconnected or in low battery status, the device will upload events.

LAN Lost

If the option is enabled, when the wired network is disconnected or with other faults, the alarm will be triggered.

WiFi Lost

If the option is enabled, when the Wi-Fi is disconnected or with other faults, the alarm will be triggered.

Cellular Lost

If the option is enabled, when the cellular data network is disconnected or with other faults, the alarm will be triggered.

Panel Mains Power Lost

If the option is enabled, an alarm will be triggered when the control panel main supply is disconnected.

Panel Mains Power Loss Delay

The system checks the fault after the configured time duration after AC power down.
To compliant the EN 50131-3, the check time duration should be 10 s.

3.2.11 Arm Options

This function is for the whole alarm system, to inform the user of the current system status before arming. If it is enabled, there will be a fault prompt and confirmation process for keypads, keyfobs, and APP. If it is not enabled, there will be no fault detection before arming.

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **System** → **System Options** → **Arm Options** to enter the page.

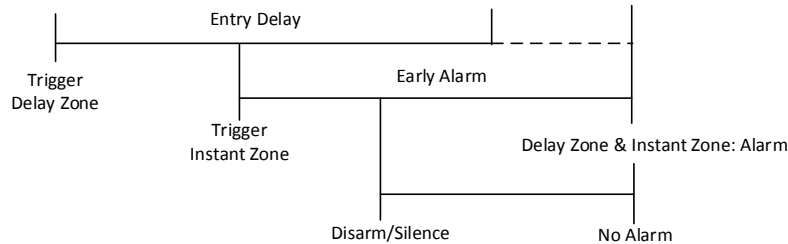
You can set the following parameters:

Arm with Fault

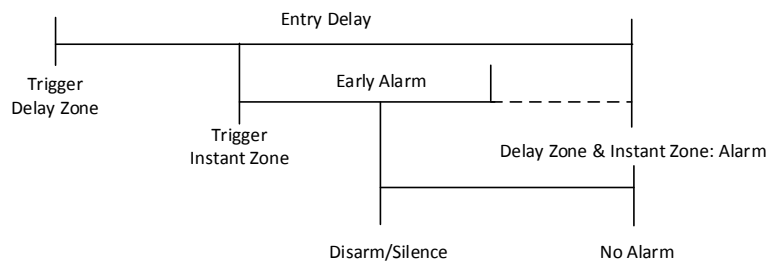
Check the faults in the Enable Arming with Fault list, and the device will not stop the arming procedure when faults occurred.

Early Alarm

A delay zone is triggered first, and the area is in the "Entry Delay" stage. During the delay time period, an instant zone is triggered (only for the first triggered instant zone). At this time, the area enters the early alarm stage. There are control panel voice alarm and local sounder alarm, but no alarm message is pushed. If the zone is disarmed or silence before both the early alarm and entry delay end, the alarm message will not be reported. Otherwise, both the delayed zone and the instant zone will alarm.



OR



3. Tap **Save**.

3.2.12 Enrollment Mode

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **System** → **System Options** → **Enrollment Mode** to enter the page.
3. Tap **Enter the Enrollment Mode**. You can enroll the peripheral by triggering it.

3.2.13 Network Camera

Add Cameras to the AX HYBRID PRO

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Network Camera** → **Network Camera Channel** to enter the page.
3. Tap **Add Channel**.

4. Enter IP address, port, the user name and password of the camera.
5. Tap **Save Icon**.
6. Optional: tap **Edit** or **Delete** to edit or delete the selected camera.

3.2.14 Set Video Parameters

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Network Camera** → **Event Video Settings** to enter the page.
3. Select a camera and set the video parameters.

Stream Type

Main Stream: Being used in recording and HD preview, it has a high resolution, code rate and picture quality.

Sub-Stream: It is used to transmit network and preview pictures as a video streaming with features of lower resolution, bit rate and picture quality.

Bitrate Type

Select the Bitrate type as constant or variable.

Resolution

Select the resolution of the video output.

Bitrate

The higher value corresponds to the higher video quality, but the better bandwidth is required.

Before Alarm

The recording time length before the alarm.

After Alarm

The recording time length after the alarm.

3.2.15 Set Arming/Disarming Schedule

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **Area** to enter the page.
3. Tap an area in the list, enable the area and select linked devices.
4. Set parameters:

Auto Arm

Enable the area to automatically arm itself in a specific time point.

Auto Arm Time

Set the schedule for the area to automatically arm itself.

Auto Disarm

Enable the area to automatically disarm itself in a specific time point.

Auto Disarm Time

Set the schedule for the area to automatically disarm itself.

Auto Arming Sound Prompt

After disabled, the buzzer will not beep before auto arming.

Late to Disarm

Enable the device to push a notification to the phone or tablet to remind the user to disarm the area when the area is still armed after a specific time point.



You should enable the Panel Management Notification function on the Web Client of **Communication Parameters** → **Event Communication** before enabling the Late to Disarm function.

Late to Disarm Time

Set the time point mentioned in **Late to Disarm**.

Weekend Exception

If enabled, **Auto Arm**, **Auto Disarm**, and **Late to Disarm** are disabled on the weekend.

Holiday Excepted

Enable the function and the zone will not be armed/disarmed in the holiday. You should set the holiday schedule after enabling.



Up to 6 holiday groups can be set.

3.2.16 Communication

Wired Network

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Wired Network** to enter the page.
3. Set the parameters.
 - Automatic Settings: Enable **DHCP** and set the HTTP port.
 - Manual Settings: Disabled **DHCP** and set **IP Address**, **Subnet Mask**, **Gateway Address**, **DNS Server Address**.

4. **Optional:** Set correct DNS server address if the device needs to visit Hik-Connect server via a domain name.
5. Click **Save**.

Wi-Fi Configuration

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Wi-Fi Configuration** to enter the page.
3. Tap a Wi-Fi to connect in the list.

Cellular Data Network

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Cellular Data Network Settings** to enter the page.
3. Enable **Cellular Data Network**.
4. Tap to select a SIM card. Tap **Parameter Configuration** → **Edit Icon** and set parameters including the user name, access password, APN, MTU and PIN code.
5. Tap **Save Icon**.
6. Enable **Data Usage Limit**.
7. Edit **Data Used This Month** and **Data Limited per Month**.

Access Number

Input the operator dialing number.



Note

Only the private network SIM card user needs to enter the access number.

User Name

Ask the network carrier and input the user name.

Access Password

Ask the network carrier and input the password.

APN

Ask the network carrier to get the APN information and input the APN information.

Data Limited per Month

You can enable the function and set the data threshold every month. If data usage is more than the configured threshold, an alarm will be triggered and uploaded to the alarm center and mobile client.

Data Used This Month

The used data will be accumulated and displayed in this text box.

Push Notifications

When an alarm is triggered, if you want to send the alarm notification to the mobile phone, you can set the notification push parameters.

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Push Notification(s)** to enter the page.
3. Enable the target notification.

Zone Alarm/Lid Opened

The device will push notifications when the zone alarm is triggered or the zone lid opened is triggered or restored.



Note

You need to set event filtering interval time for phone calling.

Peripherals Lid Opened

The device will push notifications when lid opened of any peripherals is triggered or restored.

Panel Lid Opened

The device will push notifications when lid opened of the control panel is triggered or restored.

Panic Alarm

The device will push notifications when panic alarm is triggered or restored by zones, keypads or keyfobs.

Medical Alarm

The device will push notifications when medical alarm is triggered.

Fire Alarm

The device will push notifications when fire alarm is triggered.

Gas Alarm

The device will push notifications when gas alarm is triggered.

Panel Status

The device will push notifications when the control panel system status is changed.

Zone Status

The device will push notifications when the zone status is changed.

Peripherals Status

The device will push notifications when any peripheral status is changed.

Panel Operation

The device will push notifications when the user operates the AX HYBRID PRO.

Smart Alarm Event

The device will push notifications when the alarm is triggered in thermal cameras.

4. Tap **Phone Call and SMS**.
5. Tap **+ Add Phone Number** to enter the phone number.
6. Tap the added phone number to enable **Phone Call and SMS** according to your need.
(For Phone Call) Set Numbers of Calling.
(For SMS) Set Arming Permission, Disarming Permission and Alarm Clearing Permission for areas.

Common Message

You can enter message content. When the alarm is triggered, your customized content will be added at the beginning of the message sent by the system.

Common Voice

You can import a new audio. When the alarm is triggered, your customized voice will be added at the beginning of the content of the phone dialed by the system. You can also tap Clear to delete audios



Note

Only WAV format is supported, up to 512 KB and 15 s.

7. Check notifications.

Alarm Receiving Center (ARC)

You can set the alarm receiving center's parameters and all alarms will be sent to the configured alarm center.

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Alarm Receiving Center (ARC)** to enter the page.
3. Select an ARC and enable it.

Protocol Type

Select the Protocol Type as ADM-CID, ISUP, SIA-DCS, *SIA-DCS, *ADM-CID, CSV-IP, or FSK Module to set uploading mode.

GMT

Enable the Greenwich Mean Time.

Address Type

Select the Address Type as IP Address and Domain Name. Enter server address/domain name, port number and account code.

Transmission Mode

Select the Transmission Mode as TCP or UDP. UDP is recommended by the SIA DC-09 standard.

Impulse Counting Time

After the selected time, the system will retry to transmit.

Attempts

Set the number of retry attempts.

Polling Option

Set the polling rate with the range from 10 to 3888000 seconds. The system will report fault if the time is over the limit. The status of device will be shown as offline.

Periodic Test

After enabling, you can set the time interval, setting how often to send a test event to the ARC to ensure the connection.

Companies

Select the support company as None, Hungary-Multi Alarm Receiving Company or French Alarm Receiving Company.

Cloud Service Settings

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Cloud Service Settings** to enter the page.
3. Select the **Communication Mode**.

Auto

The system will select the communication mode automatically according to the sequence of, wired network, Wi-Fi network, and cellular data network. Only when the current network is disconnected, will the device connect to other network.

Wired Network & Wi-Fi Priority

The connection priority order from high to low is: wired network, Wi-Fi, cellular data network.

Wired & Wi-Fi

The system will select wired network first. If no wired network detected, it will select Wi-Fi network.

Cellular Data Network

The system will select cellular data network only.

4. Enable **Periodic Test**. Enter the periodic test interval.

Periodic Test

After enabling, you can set the time interval, setting how often to send a test event to the ARC to ensure the connection.

5. Tap **Save**.

Notification by Email

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Notification by Emails** to enter the page.
3. Enable **Email 1**.
4. Enter the sender name, sender email address, SMTP server address, SMTP port, user name and password.



Note

It is recommended to use Gmail and Hotmail for sending mails.

Only if the zone is linked with a network camera, the alarm email will be attached with alarm video.

5. Select the encryption type as **None**, **SSL** or **TLS**.
6. Enable **Server Authentication**.
7. Enter receiver name and receiver email address. Tap **Test Receiver Email Address** to test whether the email address is correct.
8. Tap **Save**.

FTP Settings

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **FTP Settings** to enter the page.
3. Select **Preferred FTP** or **Alternated FTP**, and enable FTP.
4. Configure the FTP parameters

FTP Type

Set the FTP type as preferred or alternated.

Protocol Type

FTP and SFTP are selectable. The files uploading is encrypted by using SFTP protocol.

Server Address and Port

The FTP server address and corresponding port.

User Name & Password/Anonymity

The FTP user should have the permission to upload pictures. If the FTP server supports picture uploading by anonymous users, you can enable Anonymous to hide your device information during uploading.

Directory Structure

The saving path of snapshots in the FTP server.

4. Tap **Save**.

NAT

Universal Plug and Play (UPnP™) is a networking architecture that provides compatibility among networking equipment, software and other hardware devices. The UPnP protocol allows devices to connect seamlessly and to simplify the implementation of networks in the home and corporate environments.

Enable the UPnP function, and you don't need to configure the port mapping for each port, and the device is connected to the Wide Area Network via the router.

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **NAT** to enter the page.
3. Drag the slider to enable UPnP.
4. **Optional:** Select the mapping type as **Manual** to set the HTTP port and the service port.
5. Click **Save** to complete the settings.

3.2.17 Device Maintenance

Walk Test

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Maintenance** → **Device Maintenance** to enter the maintenance page.
3. Tap **Test**, and tap **Start Walk Test** to test the whether the device works properly or not.

Maintenance

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Maintenance** → **Maintenance**.

Tamper Alarm on HPC Login

If enabled, an alarm will be triggered when the device is tampered after you log in to HPC.

Reboot Device

The AX HYBRID PRO will reboot.

Log

View device logs.

Device Upgrade

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Maintenance** → **Device Upgrade** to upgrade the control panel, or tap  → **Maintenance** → **Detector & Peripheral Upgrade** to upgrade detectors and peripherals.

Remote Log Collection

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
 2. Tap  → **Maintenance** → **Remote Log Collection** to enable the function.
- Remote Log Collection is for getting logs relating to the device. When this is enabled, our technical support will be able to collect logs relating to the device remotely and upload them to our server for troubleshooting. You can set the validity period according to actual needs. This function will be disabled after the set validity period.

3.3 Set-up with Hik-Connect

The operator can use the Hik-Connect to control the device, such as general arming/disarming operation, and user management etc.

3.3.1 Download and Login the Mobile Client

Download the Hik-Connect mobile client and login the client before operating the AX HYBRID PRO.

Steps

1. Download Hik-Connect mobile client.
2. Optional: Register a new account if it is the first time you use the Hik-Connect mobile client.



For details, see *User Manual of Hik-Connect Mobile Client*.

3. Run and login the client.

3.3.2 Add AX HYBRID PRO to the Mobile Client

Add an AX HYBRID PRO to the mobile client before other operations.

Steps

1. Power on the AX HYBRID PRO.
2. Select adding type.

Tap **+** → **Scan QR Code** to enter the Scan QR code page. Scan the QR code on the AX HYBRID PRO.

 Note

Normally, the QR code is printed on the label stuck on the back cover of the AX HYBRID PRO.

Tap **+** → **Manual Adding** to enter the Add Device page. Enter the device serial No. with the Hik-Connect Domain adding type.

3. Tap  to search the device.

4. Tap **Add** on the Results page.

5. Enter the verification code and tap **OK**.

6. After adding completed, enter the device alias and tap **Save**.

7. Optional: Tap  → **Delete Device** to delete the device.

8. Optional: Tap  →  to edit the device name.

3.3.3 Add Peripheral to the AX HYBRID PRO

Add peripheral to the AX HYBRID PRO.

Steps

1. Select a control device (AX HYBRID PRO).

2. Tap **+**.

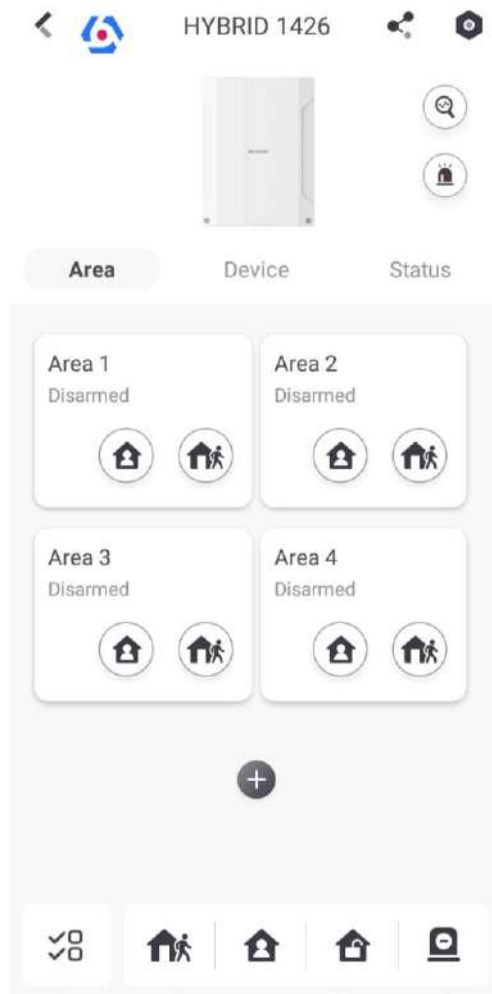
– Tap **Scan QR Code** to enter the Scan QR code page. Scan the QR code on the peripheral.

– Tap  to enter the Manually Input page. Enter the device serial No. and select the device type to add the device.

3.3.4 Main Page

You can view faults, arm and disarm areas, view device status, etc.

On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.



Enable Alarm

Tap  to select **Audible Panic Alarm** or **Silent Panic Alarm**.

View Faults

Tap  to view faults.

Area Management

Tap **+** to add an area.

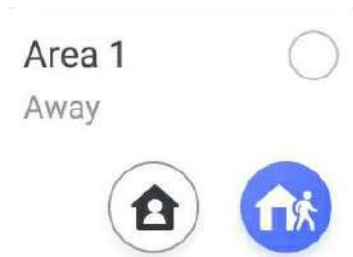
Tap **Area** to enter the area management page. Refers to **3.2.15 Set Arming/Disarming Schedule** for details.

Arm/Disarm the Area

Arm or disarm the area manually as you desired.

On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the Area page.

Operations for a Single Area



- **Away Arming:** Tap to away arm a single area. When all the people in the detection area leave, turn on the Away mode to arm all zones in the area after the defined dwell time.
- **Stay Arming:** Tap to stay arm a single area. When all the people stays inside the detection area, turn on the Stay mode to arm all the perimeter burglary detection set in all the zones of all areas.

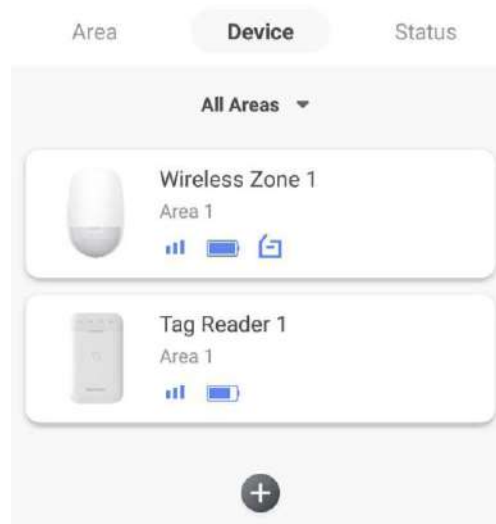
Operations for Multiple Areas



- **Select Areas:** Tap to select areas you want to operate. If you do not select areas, following operations will take effect for all areas.
- **Away Arming:** Tap to away arm selected areas. When all the people in the detection area leave, turn on the Away mode to arm all zones in all areas after the defined dwell time.
- **Stay Arming:** Tap to stay arm all areas. When the people stays inside the detection area, turn on the Stay mode to arm all the perimeter burglary detection (such as perimeter detector, magnetic contacts, curtain detector in the balcony) set in all the zones of all areas. At the meantime, the detectors inside the detection area are bypassed (such as PIR detectors). People can move inside the area and alarm will not be triggered.
- **Disarming:** Tap to disarm all areas. In Disarm mode, all the zones of all areas will not trigger alarm, no matter alarm events happen or not.
- **Silent Alarm:** Tap to silent alarms for all areas.

3.3.5 Zone Management

1. Tap **Device** to view linked zones.



2. Tap + to add a new zone.
3. Tap a zone to enter the management page. You can view device status (e.g. temperature, battery status, signal strength, etc.).
4. Tap  on the upper right corner to enter the zone settings page.
5. Select a zone type.

Instant Zone

This Zone type will immediately trigger an alarm event when armed.

Delay Zone

-Exit Delay: Exit Delay provides you time to leave through the zone without alarm.

Arm with faults is enabled: You should confirm faults first, and then the zone is in arming process. If the delay zone is triggered within the exit delay time but it restores before the time ends, the alarm will not be triggered and the zone will be armed.

Arm with faults is disabled: Immediately armed. If the delay zone is triggered within the exit delay time but it restores before the time ends, the alarm will not be triggered.

-Entry Delay: Entry Delay provides you time to enter the zone to disarm the system without alarm.

After triggering, if the zone is not disarmed or silenced before the entry delay time ends, the zone will alarm.

-Stay Arm Delay Time: Stay arming uses Stay Arm Delay Time to count down.

The system gives Entry/Exit delay time when it is armed or reentered. It is usually used in entrance/exit route (e.g. front door/main entrance), which is a key route to arm/disarm via operating keypad for users.

 Note

- You can set 2 different time durations in **System Options** → **Schedule & Timer**.
 - Ensure that timer is no longer than 45 seconds in order to comply with EN50131-1.
 - You can set Stay Arm Delay Time for the delay zone.
-

Panic Zone

24-hour active zone, whether armed or not. Report panic alarm after triggering. It is usually used in the sites equipped with panic button, smoke detector and glass-break detector.

Medical Alarm

24-hour active zone, whether armed or not. Report medical alarm after triggering.

Fire Zone

24-hour active zone, whether armed or not. Report fire alarm after triggering.

Gas Zone

24-hour active zone, whether armed or not. Report gas alarm after triggering.

Follow Zone

The zone acts as delayed zone when it detects triggering event during system Entry Delay, while it acts as instant zone otherwise.

Keyswitch Zone

-By Trigger Time: Change the arming and disarming status after each trigger. For example, in the disarmed status, if the zone is triggered, the linked area will be armed. Trigger the zone again and the area will be disarmed.

-By Zone Status: You need to choose to arm or disarm the linked area after the zone is triggered.

In the case of the tampering alarm, the arming and disarming operation will not be triggered.

Disabled Zone

Zone disabled ignoring any alarm event. It is usually used to disable faulty detectors.

24-hour Zone

The zone activates all the time with sound/light output when alarm occurs, whether it is armed or not. It is usually used in fire hazardous areas equipped with smoke detectors and temperature sensors.

Timeout Zone

The zone activates all the time. When this zone has been triggered or restored and exceeds the set time, an alarm will be generated.

It can be used in places equipped with magnetic contacts that require access but for only a short period (e.g., fire hydrant box's door or another external security box door).

-Not-Triggered Zone Alarm: If the zone is not triggered for the set time, it will alarm.

-Alarm on Zone Activated: If the zone is triggered for the set time, it will alarm.

-Retry Time Period: Set the timeout period.

7. Enable other functions according to your detector types and actual needs.

 Note

The configurable functions vary in different detectors and zones. Refer to the actual zone to set the function.

Arm Mode

If the zone is a public zone (the zone belongs to more than one area), you can set arm mode.

And: When all linked areas are armed, the zone will arm. When any of linked areas is disarmed, the zone will disarm.

Or: When any of the linked areas is armed, the zone will arm. When all linked areas are disarmed, the zone will disarm. When the zone is in alarm, the disarmed areas linked with the zone cannot be armed.

Stay Arm Bypass

The zone will be automatically bypassed in stay arming.

Cross Zone

PD6662 is not enabled: You need to set the combined time interval.

When the first zone is triggered, the system will start timing after the zone is restored. If the second zone is triggered within the set time, both zones will give alarms. Otherwise, no alarm will be triggered.

If the first zone is not be restored, both zones will give alarms when the second zone is triggered, regardless of whether the set time has elapsed.

PD6662 is enabled: You need to set the combined time interval.

The first zone will give an alarm when triggered. If the first zone is not restored and the second zone is triggered, the system will report the alarm confirmation.

If the first zone is restored, the system will start timing. If the second zone is triggered within the set time, the system will report the alarm confirmation.

If the first zone is restored, the system will start timing. If the second zone is not triggered within the set time, no information will be reported.

Forbid Bypass on Arming

After enabled, you cannot bypass zones when arming.

Chime

Enable the doorbell. Usually used for door magnetic detectors.

Silent Alarm

After enabled, when an alarm is triggered, only the report will be uploaded and no sound is emitted.

Double knock

After enabled, the time interval can be set. If the same detector is triggered twice or continuously in a period of time, the alarm will be triggered.

Sounder Delay Time

The sounder will be triggered immediately (0s) or after the set time.

Final Door Exit

Only magnetic contacts have this option.

After enabling, when the user use keypads or tags to arm:

- Arm With Faults is enabled: During the arming countdown, if the magnetic contact is triggered and then restored, the arming process will be terminated immediately after restoring, and the arming is completed.
- Arm With Faults is disabled: If the magnetic contact is triggered and then restored, the linked area immediately arms the delayed zone.

Dual Zone

After enabled, when multi transmitter detects that the entire zone circuit of the local zone and the extended zone is open circuit, both zones trigger lid opened alarms.

Timer With Restart

During the Exit Delay process, the exit delay time will be re-timed at the time when the second delay zone was triggered.

3.3.6 User Management

The installers (user of Hik-Connect) can manage users. If you are the administrator, you can add, edit, and delete users, and assign different permissions to the newly-added users.

Steps



Note

There are four types of users for the AX HYBRID PRO, including administrator (or owner), operator, and installer (or setter). Different types of users have different permissions for accessing the functionality of the AX HYBRID PRO.

1. Enter the site, tap the AX HYBRID PRO and then log in to the device (if required) to enter the AX HYBRID PRO page.
 2. Tap **Next** to invite the user.
-



Note

The recipient need to accept the invitation.

3. Tap  → **User Management** → **User**.
4. Tap a user to enter the User Management page.

5. Optional: Perform the following operations if required.

User Permission You can tap the target user on the user list and then tap **Edit Icon** to set the permissions authorized to the target user.



Only the administrator can do such an operation.

Set Linked Areas If the target user is an operator, tap the target user on the user list and then tap **Linked Areas** to set the area linked to the target user.



Only the administrator can do such an operation.

Change Keypad Password If the target user is an administrator, an installer, or an operator, you can tap the target user on the user list and then tap **Change Keypad Password** to set the keypad password to the target user.

Change Duress Password If the target user is an administrator or an operator, you can tap the target user on the user list and then tap **Change Duress Password** to set the duress password to the target user.



If under duress, you can enter the duress code on the keyboard to arm and disarm area(s) and upload a duress alarm.

Automation Control An administrator, an installer or an operator can control the relay module, wall switch and smart plug.



- Configuration items and user permission will vary according to the user type.
 - You can view linked cards/tags and keyfobs of the user but you do not have permission to configure them.
-

3.3.7 Card/Tag Management

After adding cards/tags to the wireless AX HYBRID PRO, you can swipe the card/tag to arm or

disarm all the detectors added to specific area(s) of the AX HYBRID PRO, and silence alarms.

 Note

The tag ID/PIN is a 32 bit long integer, and the variant could be 42949672956.

Steps

1. Enter the site, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **User Management** → **Card/Tag** to enter the Card/Tag page.
3. Tap **+** to add a tag.
4. When hearing the voice prompt "Swipe Tag", you should present the tag on the AX HYBRID PRO tag presenting area.
 - When hearing a beep sound, the tag is recognized.
 - The tag will be displayed on the tag page.
5. Optional: Tap a Tag to enter the Setting Page.
6. Tap **Edit Icon** to edit the Tag name.

 Note

- If you log in as an installer, skip this step. Editing tag name is only available to administrator.
 - The name should contain 1 to 32 characters.
-

7. Slide **Enable Tag**.
8. Select a linked user.
9. Select the tag type

 Note

Different linked users have different tag permissions.

Operation Tag

You can swipe the tag to arm or disarm.

Patrol Tag

When you swipe the tag, the system will upload a record.

10. Optional: Tap **Delete** to delete the tag.

3.3.8 Device Information

You can change language and select time zone.

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **System** → **Configuration** to enter the page.

3. Select device language and time zone.

3.3.9 System Management

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **System** → **System Options** → **System Management** to enter the page.

Forced Auto Arm

After enabled, when the timed automatic arming starts, if there are active faults in a zone, the zone will be automatically bypass.

You can go to **System** → **System Options** → **Schedule & Time** to set the auto arming/disarming schedule and linked areas.



You should disable the Arm With Faults in the Arm Options page. Or the Forced Auto Arm/Forced Arming function cannot be valid.

Forced Arming

After enabled, when manual arming starts, if there are active faults in a zone, the zone will be automatically bypass.

You can use keyfobs, tags, and keypads to arm zones, or manually arm zones on APP. Single, multiple or all areas can be selected for arming.



You should disable the Arm With Faults in the Arm Options page. Or the Forced Auto Arm/Forced Arming function cannot be valid.

System Status report

If the option is enabled, the device will upload report to Cloud (for APP) and ARC automatically when the AX HYBRID PRO status is changed.

Voice Prompt

If the option is enabled, the AX HYBRID PRO will enable the voice prompt.

- Fault Prompts on Arming: Voice prompt of faults when arming.
- Fault Prompts When Armed: Voice prompt of faults when the system is armed.
- Fault Prompts on Disarming: Voice prompt of faults when disarming
- Fault Prompts When Disarmed: Voice prompt of faults when the system is disarmed.
- Voice Prompts on Alarm: Voice prompt of faults when an alarm is triggered.

System Volume

The available system volume range is from 0 to 10.

Audible Tamper Alarm

While enabled, the system will alert with buzzer for the tamper alarm. Regardless of whether it is enabled or not, the tamper alarm will be normally pushed to Cloud (for APP) and ARC.

Panel Lockup Button

All functions of AX HYBRID PRO will be frozen after it is enabled. This function can only be enabled by users with installer permission.

Alarm Duration

Set linked alarm voice prompt lasting time.

Wireless Supervision Loss

Detectors and peripherals whose heartbeat loss times exceed the set value will be shown as offline.

Bypass on Re-Arm

While enabled, after the detector is bypassed, if its faults are restored and the linked area is armed, the detector will automatically arm.

Motion Detector Restore

Motion detectors include all PIR detectors.

- Disable: No automatic restore.

- Immediate After Alarm: Motion detectors automatically restores immediately after the alarm and reports to Cloud (for APP) and ARC.

- After Disarm: Motion detectors automatically restores after disarming and reports to Cloud (for APP) and ARC

Jamming Sensitivity Settings

The device will detect RF interference and push messages when the RF interference interferes with communication. You can adjust the detection sensitivity.

Enable PD6662

Enable PD6662 standard. Functions that do not meet the standard will not take effect.

Keypad Logout

After the keypad enters the programming page, if there is no key operation, it will exit the programming page after reaching this time.

3.3.10 Fault Check

The fault check here is only for the control panel in the normal status.

The system determines whether to check the faults listed on the page. The system will only check the fault that is selected.

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.

2. Tap  → **System** → **System Options** → **System Fault Check** to enter the page.

Detect Network Camera Disconnection

If the option is enabled, when the linked network camera is disconnected, an alarm will be triggered. The delay time of network camera disconnection detection is the same as that of LAN.

Panel Battery Fault Check

If the option is enabled, when panel battery is disconnected or in low battery status, the device will upload events.

LAN Lost

If the option is enabled, when the wired network is disconnected or with other faults, the alarm will be triggered.

WiFi Lost

If the option is enabled, when the Wi-Fi is disconnected or with other faults, the alarm will be triggered.

Cellular Lost

If the option is enabled, when the cellular data network is disconnected or with other faults, the alarm will be triggered.

Panel Mains Power Lost

If the option is enabled, an alarm will be triggered when the control panel main supply is disconnected.

Panel Mains Power Loss Delay

The system checks the fault after the configured time duration after AC power down.
To compliant the EN 50131-3, the check time duration should be 10 s.

3.3.11 Arm Options

This function is for the whole alarm system, to inform the user of the current system status before arming. If it is enabled, there will be a fault prompt and confirmation process for keypads, keyfobs, and APP. If it is not enabled, there will be no fault detection before arming.

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **System** → **System Options** → **Arm Options** to enter the page.

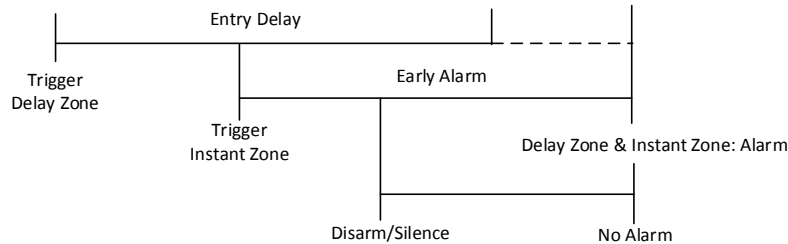
You can set the following parameters:

Arm with Fault

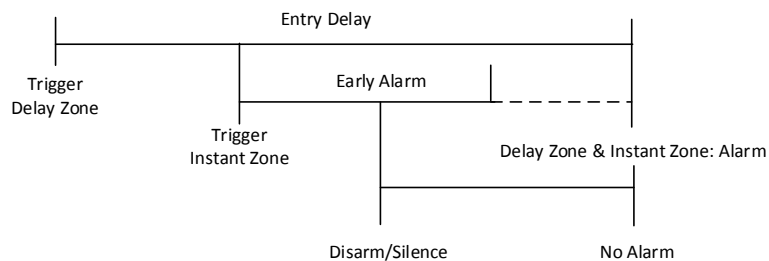
Check the faults in the Enable Arming with Fault list, and the device will not stop the arming procedure when faults occurred.

Early Alarm

A delay zone is triggered first, and the area is in the "Entry Delay" stage. During the delay time period, an instant zone is triggered (only for the first triggered instant zone). At this time, the area enters the early alarm stage. There are control panel voice alarm and local sounder alarm, but no alarm message is pushed. If the zone is disarmed or silence before both the early alarm and entry delay end, the alarm message will not be reported. Otherwise, both the delayed zone and the instant zone will alarm.



OR



3. Tap **Save**.

3.3.12 Enrollment Mode

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **System** → **System Options** → **Enrollment Mode** to enter the page.
3. Tap **Enter the Enrollment Mode**. You can enroll the peripheral by triggering it.

3.3.13 Network Camera

Add Cameras to the AX HYBRID PRO

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Network Camera** → **Network Camera Channel** to enter the page.
3. Tap **Add Channel**.

4. Enter IP address, port, the user name and password of the camera.
5. Tap **Save Icon**.
6. Optional: tap **Edit** or **Delete** to edit or delete the selected camera.

3.3.14 Set Video Parameters

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Network Camera** → **Event Video Settings** to enter the page.
3. Select a camera and set the video parameters.

Stream Type

Main Stream: Being used in recording and HD preview, it has a high resolution, code rate and picture quality.

Sub-Stream: It is used to transmit network and preview pictures as a video streaming with features of lower resolution, bit rate and picture quality.

Bitrate Type

Select the Bitrate type as constant or variable.

Resolution

Select the resolution of the video output.

Bitrate

The higher value corresponds to the higher video quality, but the better bandwidth is required.

Before Alarm

The recording time length before the alarm.

After Alarm

The recording time length after the alarm.

3.3.15 Set Arming/Disarming Schedule

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **Area** to enter the page.
3. Tap an area in the list, enable the area and select linked devices.
4. Set parameters:

Auto Arm

Enable the area to automatically arm itself in a specific time point.

Auto Arm Time

Set the schedule for the area to automatically arm itself.

Auto Disarm

Enable the area to automatically disarm itself in a specific time point.

Auto Disarm Time

Set the schedule for the area to automatically disarm itself.

Auto Arming Sound Prompt

After disabled, the buzzer will not beep before auto arming.

Late to Disarm

Enable the device to push a notification to the phone or tablet to remind the user to disarm the area when the area is still armed after a specific time point.



You should enable the Panel Management Notification function on the Web Client of **Communication Parameters** → **Event Communication** before enabling the Late to Disarm function.

Late to Disarm Time

Set the time point mentioned in **Late to Disarm**.

Weekend Exception

If enabled, **Auto Arm**, **Auto Disarm**, and **Late to Disarm** are disabled on the weekend.

Holiday Excepted

Enable the function and the zone will not be armed/disarmed in the holiday. You should set the holiday schedule after enabling.



Up to 6 holiday groups can be set.

3.3.16 Communication

Wired Network

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Wired Network** to enter the page.
3. Set the parameters.
 - Automatic Settings: Enable **DHCP** and set the HTTP port.
 - Manual Settings: Disabled **DHCP** and set **IP Address**, **Subnet Mask**, **Gateway Address**, **DNS Server Address**.

4. **Optional:** Set correct DNS server address if the device needs to visit Hik-Connect server via a domain name.
5. Click **Save**.

Wi-Fi Configuration

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Wi-Fi Configuration** to enter the page.
3. Tap a Wi-Fi to connect in the list.

Cellular Data Network

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Cellular Data Network Settings** to enter the page.
3. Enable **Cellular Data Network**.
4. Tap to select a SIM card. Tap **Parameter Configuration** → **Edit Icon** and set parameters including the user name, access password, APN, MTU and PIN code.
5. Tap **Save Icon**.
6. Enable **Data Usage Limit**.
7. Edit **Data Used This Month** and **Data Limited per Month**.

Access Number

Input the operator dialing number.



Note

Only the private network SIM card user needs to enter the access number.

User Name

Ask the network carrier and input the user name.

Access Password

Ask the network carrier and input the password.

APN

Ask the network carrier to get the APN information and input the APN information.

Data Limited per Month

You can enable the function and set the data threshold every month. If data usage is more than the configured threshold, an alarm will be triggered and uploaded to the alarm center and mobile client.

Data Used This Month

The used data will be accumulated and displayed in this text box.

Push Notifications

When an alarm is triggered, if you want to send the alarm notification to the mobile phone, you can set the notification push parameters.

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Push Notification(s)** to enter the page.
3. Enable the target notification.

Zone Alarm/Lid Opened

The device will push notifications when the zone alarm is triggered or the zone lid opened is triggered or restored.



Note

You need to set event filtering interval time for phone calling.

Peripherals Lid Opened

The device will push notifications when lid opened of any peripherals is triggered or restored.

Panel Lid Opened

The device will push notifications when lid opened of the control panel is triggered or restored.

Panic Alarm

The device will push notifications when panic alarm is triggered or restored by zones, keypads or keyfobs.

Medical Alarm

The device will push notifications when medical alarm is triggered.

Fire Alarm

The device will push notifications when fire alarm is triggered.

Gas Alarm

The device will push notifications when gas alarm is triggered.

Panel Status

The device will push notifications when the control panel system status is changed.

Zone Status

The device will push notifications when the zone status is changed.

Peripherals Status

The device will push notifications when any peripheral status is changed.

Panel Operation

The device will push notifications when the user operates the AX HYBRID PRO.

Smart Alarm Event

The device will push notifications when the alarm is triggered in thermal cameras.

4. Tap **Phone Call and SMS**.
5. Tap **+ Add Phone Number** to enter the phone number.
6. Tap the added phone number to enable **Phone Call and SMS** according to your need.
(For Phone Call) Set Numbers of Calling.
(For SMS) Set Arming Permission, Disarming Permission and Alarm Clearing Permission for areas.

Common Message

You can enter message content. When the alarm is triggered, your customized content will be added at the beginning of the message sent by the system.

Common Voice

You can import a new audio. When the alarm is triggered, your customized voice will be added at the beginning of the content of the phone dialed by the system. You can also tap Clear to delete audios



Note

Only WAV format is supported, up to 512 KB and 15 s.

7. Check notifications.

Alarm Receiving Center (ARC)

You can set the alarm receiving center's parameters and all alarms will be sent to the configured alarm center.

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Alarm Receiving Center (ARC)** to enter the page.
3. Select an ARC and enable it.

Protocol Type

Select the Protocol Type as ADM-CID, ISUP, SIA-DCS, *SIA-DCS, *ADM-CID, CSV-IP, or FSK Module to set uploading mode.

GMT

Enable the Greenwich Mean Time.

Address Type

Select the Address Type as IP Address and Domain Name. Enter server address/domain name, port number and account code.

Transmission Mode

Select the Transmission Mode as TCP or UDP. UDP is recommended by the SIA DC-09 standard.

Impulse Counting Time

After the selected time, the system will retry to transmit.

Attempts

Set the number of retry attempts.

Polling Option

Set the polling rate with the range from 10 to 3888000 seconds. The system will report fault if the time is over the limit. The status of device will be shown as offline.

Periodic Test

After enabling, you can set the time interval, setting how often to send a test event to the ARC to ensure the connection.

Companies

Select the support company as None, Hungary-Multi Alarm Receiving Company or French Alarm Receiving Company.

Cloud Service Settings

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Cloud Service Settings** to enter the page.
3. Select the **Communication Mode**.

Auto

The system will select the communication mode automatically according to the sequence of, wired network, Wi-Fi network, and cellular data network. Only when the current network is disconnected, will the device connect to other network.

Wired Network & Wi-Fi Priority

The connection priority order from high to low is: wired network, Wi-Fi, cellular data network.

Wired & Wi-Fi

The system will select wired network first. If no wired network detected, it will select Wi-Fi network.

Cellular Data Network

The system will select cellular data network only.

4. Enable **Periodic Test**. Enter the periodic test interval.

Periodic Test

After enabling, you can set the time interval, setting how often to send a test event to the ARC to ensure the connection.

5. Tap **Save**.

Notification by Email

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **Notification by Emails** to enter the page.
3. Enable **Email 1**.
4. Enter the sender name, sender email address, SMTP server address, SMTP port, user name and password.



Note

It is recommended to use Gmail and Hotmail for sending mails.

Only if the zone is linked with a network camera, the alarm email will be attached with alarm video.

5. Select the encryption type as **None**, **SSL** or **TLS**.
6. Enable **Server Authentication**.
7. Enter receiver name and receiver email address. Tap **Test Receiver Email Address** to test whether the email address is correct.
8. Tap **Save**.

FTP Settings

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **FTP Settings** to enter the page.
3. Select **Preferred FTP** or **Alternated FTP**, and enable FTP.
4. Configure the FTP parameters

FTP Type

Set the FTP type as preferred or alternated.

Protocol Type

FTP and SFTP are selectable. The files uploading is encrypted by using SFTP protocol.

Server Address and Port

The FTP server address and corresponding port.

User Name & Password/Anonymity

The FTP user should have the permission to upload pictures. If the FTP server supports picture uploading by anonymous users, you can enable Anonymous to hide your device information during uploading.

Directory Structure

The saving path of snapshots in the FTP server.

4. Tap **Save**.

NAT

Universal Plug and Play (UPnP™) is a networking architecture that provides compatibility among networking equipment, software and other hardware devices. The UPnP protocol allows devices to connect seamlessly and to simplify the implementation of networks in the home and corporate environments.

Enable the UPnP function, and you don't need to configure the port mapping for each port, and the device is connected to the Wide Area Network via the router.

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Communication Parameters** → **NAT** to enter the page.
3. Drag the slider to enable UPnP.
4. **Optional:** Select the mapping type as **Manual** to set the HTTP port and the service port.
5. Click **Save** to complete the settings.

3.3.17 Device Maintenance

You can reboot the device.

Steps

1. In the site, tap the AX HYBRID PRO and then log in to the device (if required).
2. Tap  → **Maintenance** → **Reboot Device**. to enter the maintenance page.
The AX HYBRID PRO will reboot.
3. Tap  → **Maintenance** → **Device Upgrade** to upgrade the control panel, or tap  → **Maintenance** → **Detector & Peripheral Upgrade** to upgrade detectors and peripherals.
4. Optional: Tap  → **Maintenance** → **Remote Log Collection** to enable the function.
Remote Log Collection is for getting logs relating to the device. When this is enabled, our technical support will be able to collect logs relating to the device remotely and upload them to our server for troubleshooting. You can set the validity period according to actual needs. This function will be disabled after the set validity period.

3.3.18 Wi-Fi Connection

You can make the AX HYBRID PRO connect to Wi-Fi through APP.

Steps

1. On the device list page, tap the AX HYBRID PRO and then log in to the device (if required) to enter the page.
2. Tap  → **Configure Wi-Fi Network**.
3. Follow the instructions on the page and change the AX HYBRID PRO to the AP mode. Tap **Next**.
4. Select a stable Wi-Fi for the device to connect.
5. Back to configuration page to enter the Wi-Fi password and tap **Next**.
6. Tap **Connect to a network** and wait for connection.
After the connection is completed, the AX HYBRID PRO will prompt to exit AP mode and automatically switch to STA mode.

3.3.19 Check Alarm Notification

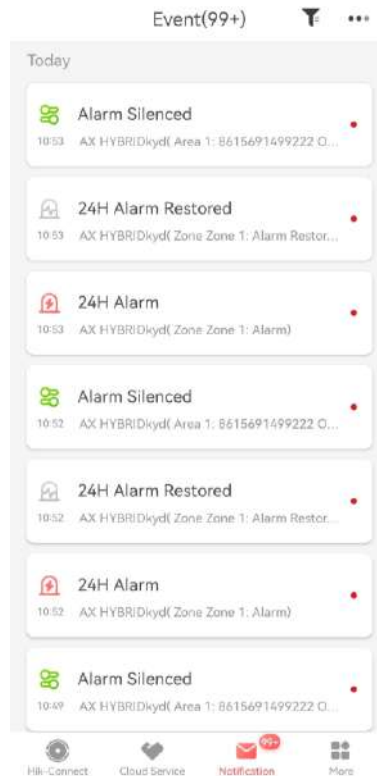
When an alarm is triggered, and you will receive an alarm notification. You can check the alarm information from the mobile client.

Before You Start

- Make sure you have linked a zone with a detector.
- Make sure the zone is not bypassed.
- Make sure you have not enabled the silent zone function.

Steps

1. Tap **Notification** in the mobile client to enter the page.
All alarm notifications are listed in Notification page.
2. Select an alarm and you can view the alarm details.



3. **Optional:** If the zone has linked a camera, you can view the playback when the alarm is triggered.
4. **Optional:** Tap  to search events by dates or devices.

3.4 Report to ARC (Alarm Receiver Center)

AX HYBRID PRO wireless control panel is designed with transceiver built in following the guidance of EN 50131-10 and EN 50136-2. Category DP2 is provided with primary network interface of LAN/Wi-Fi and secondary network interface of GPRS or 3G/4G LTE. ATS (Alarm Transmission system) is designed to always use LAN/Wi-Fi network interface when available to save mobile data usage. The secondary network interface provides resilience and reliability during mains power failure.

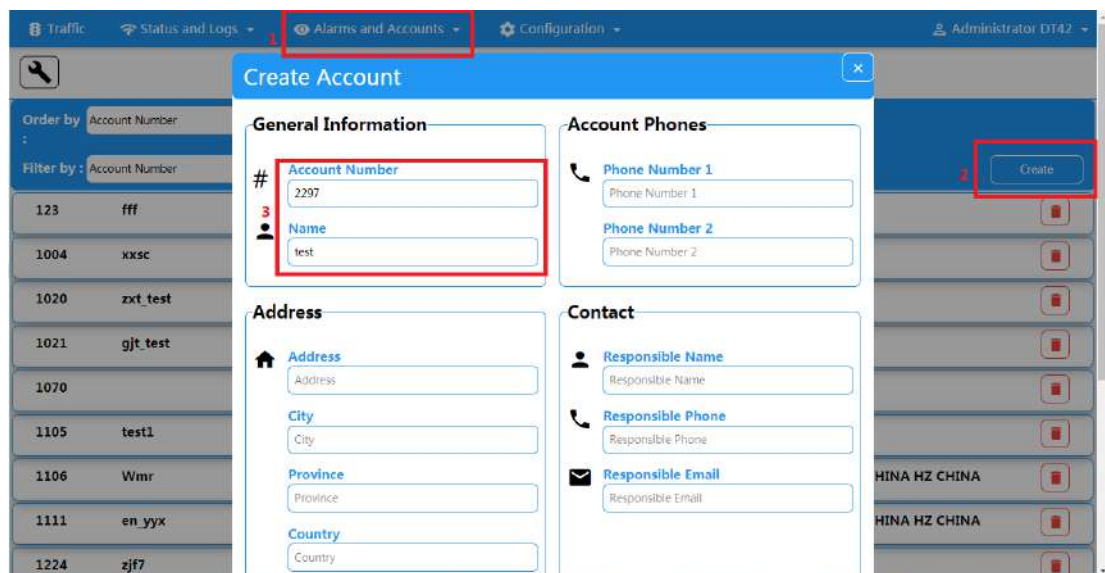
Setup ATS in Transceiver of Receiving Center

Steps:

1. Login to the web client of the alarm receiver.
2. Click **Configuration**→ **IP Reception**, and create a receiving server as shown below.



3. Click **Alarms and Accounts** → **Accounts Management**, and assign an account for the panel as show below.



Setup ATS in Transceiver of the Panel

Steps:

1. Login using installer account from local web client.
2. Click **Communication** → **Alarm Receiving Center (ARC)**, and enable **Alarm Receiving Center 1**.

Alarm Receiver Center1

Enable	☒
Protocol Type	*ADM-CID
Address Type	IP
Server Address	115.236.50.3
Port No.	6666
Account Code	2297
Transmission Mode	TCP
Impulse Counting Time	20 s
Attempts	3
Polling Rate	50 s Enable
Encryption Algorithm	AES
Password Length	128
Secret Key	123456789012345678901234567

● = Protocol Setting =

Protocol Type

- ADM-CID
- SIA-DCS
- *ADM-CID
- *SIA-DCS

Select token supported by the receiver in the ARC. Choose the token with “*” mark to improve the communication security.

● = Server Setting =

■ **Address Type**

- IP
- Domain Name

■ **Server Address / Domain Name**

■ **Port No.**

Input IP address or domain name by which the transceiver of receiving center could be reached. Input port number of the server provided by the ARC

● = Account Setting =

■ **Account Code**

Input the assigned account provided by the ARC.

● = SIA DC-09 Protocol Setting =

■ **Transmission Mode**

- TCP
- UDP

Both TCP and UDP are supported for transmission. UDP is recommended by the SIA DC-09

standard.	
■ Connection Setting ○ Impulse Counting Time / Retry Timeout Period Setup the timeout period waiting for receiver to respond. Re-transmission will be arranged if the transceiver of receiving center is timeout. ○ Attempts Setup the maximum number that re-transmission will be tried. ○ Polling Rate Setup the interval between 2 live polling if enable is checked.	
■ Encryption Setting ○ Encryption Arithmetic — AES ○ Password Length — 128 — 192 — 256 ○ Secret Key Setup the encryption key length and input the key provided by the ARC.	

Signaling Test

Activate a panic alarm from the control panel.

Login to Receiver. Click **Traffic** to review all the messages received.



Chapter 4 General Operations

4.1 Access Entries

The installer and operators of the AX HYBRID PRO were assigned different access levels which define the system functions that an individual user can perform. Various user entries are provided for different user roles with particular access level.

Access entries for Installers (Access Level 3)

- **Hik-ProConnect Service**
Hik-ProConnect is a service for installers that is used to manage customers' alarm systems located in various sites remotely. Control panels can be added to an installer account on the Hik-ProConnect Service and be managed in sites.
- **Local Web Client**
Visit the device IP address that can be found out with SADP tool. The installer can login with Hik-ProConnect service account after the panel was added.
- **Other entries**
Keypad PINs and tags can be also assigned with installer user at particular access level to perform essential operations.

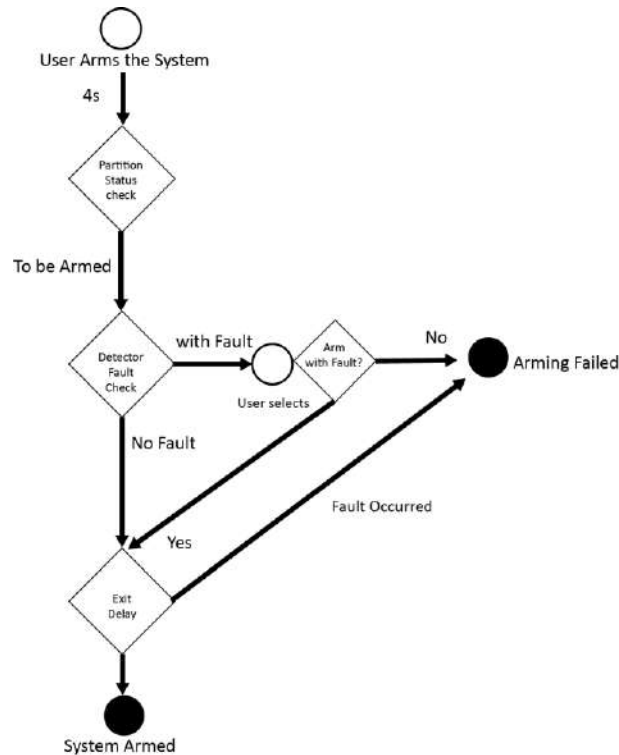
Access Entries for the Administrator and Operators (Access Level 2)

- **Hik-Connect Service**
The Hik-Connect service can be used for end users to access and manage the devices.
- **Local Web Client (for the administrator)**
As soon as the panel was added to the end user account on Hik-Connect Service, the Hik-Connect account can be used to login to the web client build in.

Operators cannot login the web client.
- **Other entries**
Keypad PINs and tags can be also assigned with end user at particular access level to perform essential operations.

4.2 Arming

You can use keypad, keyfob, tag, client software, mobile client to arm your system. After the arming command is sending to AX HYBRID PRO, the system will check the detector status. If the detector is in fault, you will need to choose whether to arm the system with fault. While the system is armed, the AX HYBRID PRO will prompt the result in 5s, and upload the arming report.



Access level of Arming

The user in level 2 or 3 has the permission to arm or partly arm the system.

Arming Indication

The arming/disarming indicator keeps solid blue for 5s.

Reason of Arming Failure

- Intrusion detector triggered (excepts the detector on the exit route).
- Panic alarm device triggered.
- Lid opened (tamper) alarm occurred.
- Communication exception
- Main power supply exception
- Backup battery exception
- Alarm receiving fault
- Sounder fault
- Low battery of the keyfob
- Others

Arming with Fault

While the arming is stopped with fault, user in level 2 has the permission to arm the system with fault (forced arming).

Forced arming only takes effect on the current arming operation.

The forced arming operation will be record in the event log.

4.3 Disarming

You can disarm the system with keypad, keyfob, Tag, client software, or mobile client.

Disarming Indication

The arming/disarming indicator flashes 30s while the user successfully disarm the system through the entry/exit route.

The system will report the disarming result after the operation completed.

Entry Delay Duration

Ensure that timer is no longer than 45 seconds in order to comply with EN50131-1.

Early Alarm

If either the intrusion or tampering alarm occurs on the enter/exit route when the AX HYBRID PRO is in the status of entry delay, the AX HYBRID PRO then enters the early alarm mode.

The early alarm duration can be set (> 30s).

The AX HYBRID PRO will reports the alarm only if the alarm event lasts over the duration of early alarm with the addition of entry delay.

4.4 SMS Control

You can control the security system with SMS, and the command is shown below.

SMS format for Arming/disarming/silencing alarm:

{Command} + {Operation Type} + {Target}

Command: 2 digits, 00- Disarming, 01- Away arming, 02- Stay arming, 03- Silencing alarm

Operation type: 1- Area Operation

Target: No more than 3 digits, 0-Operation for all areas, 1-Operation for area 1(zone1), and the rest can be deduced by the analogy.

A. Trouble Shooting

A.1 Communication Fault

A.1.1 IP Conflict

Fault Description:

IP that the panel automatically acquired or set is same as other devices, resulting in IP conflicts.

Solution:

Search the current available IP through ping. Change the IP address and log in again.

A.1.2 Web Page is Not Accessible

Fault Description:

Use browser to access web pages and display Inaccessible.

Solutions:

1. Check whether the network cable is loose and the panel network is abnormal.
2. The panel port has been modified. Please add a port to the web address for further access.

A.1.3 Hik-Connect is Offline

Fault Description:

The web page shows that the Hik-Connect is offline.

Solution:

Network configuration of the panel is error, unable to access extranet.

A.1.4 Network Camera Drops off Frequently

Fault Description:

System reports multiple event logs of IPC disconnection and connection.

Solution:

Check whether the network communication or camera live view is proper.

A.1.5 Failed to Add Device on APP

Fault Description:

When using APP to add devices, it is prompted that the device fails to be added, the device could not be found, etc.

Solution:

Check the web page: whether the Hik-Connect is offline.

A.1.6 Alarm Information is Not Reported to APP/4200/Alarm Center

Fault Description:

After the alarm is triggered, the app/4200/ alarm center does not receive the alarm message.

Solution:

"Message push" - "alarm and tamper-proof notice" is not enabled. You should enable "alarm and tamper-proof notice".

A.2 Mutual Exclusion of Functions

A.2.1 Unable to Enter Enrollment Mode

Fault Description:

Click the panel function key, and prompt key invalid.

Solution:

The panel is in "Hotspot" mode. Switch the panel to "station" mode, and then try to enter the enrollment mode again.

A.3 Zone Fault

A.3.1 Zone is Offline

Fault Description:

View status of zones which displays offline.

Solution:

Check whether the detector reports undervoltage. Replace the detector battery

A.3.2 Zone Tamper-proof/Lid-opened

Fault Description:

View status of zones which displays tamper-proof/lid-opened.

Solution:

Make tamper-proof button of the detector holden.

A.3.3 Zone Triggered/Fault

Fault Description:

View status of zones which displays triggered/fault.

Solution:

Reset the detector.

A.4 Problems While Arming

A.4.1 Failure in Arming (When the Arming Process is Not Started)

Fault Description:

When the panel is arming, prompt arming fails.

Solution:

The panel does not enable "forced arming", and when there is a fault in the zone, the arming will fail. Please turn on the "forced arming" enable, or restore the zone to the normal status.

A.5 Operational Failure

A.5.1 Failed to Enter the Test Mode

Fault Description:

Failed to enable test mode, prompting "A fault in the zone".

Solution:

Zone status, alarm status or zone power is abnormal.

A.5.2 The Alarm Clearing Operation on the Panel Does Not Produce the Alarm Clearing Report

Fault Description:

The alarm clearing operation on the panel does not produce the alarm clearing report.

Solution:

In the absence of alarm, no report will be uploaded for arm clearing.

A.6 Mail Delivery Failure

A.6.1 Failed to Send Test Mail

Fault Description:

when configure the mail information, click "test inbox" and prompt test fails.

Solution:

Wrong configuration of mailbox parameters. Please edit the mailbox configuration information, as shown in table 1/1.

A.6.2 Failed to Send Mail during Use

Fault Description:

Check the panel exception log. There is "mail sending failure".

Solution:

The mailbox server has restricted access. Please log in to the mailbox to see if the mailbox is locked.

A.6.3 Failed to Send Mails to Gmail

Fault Description:

The receiver's mailbox is Gmail. Click "Test Inbox" and prompt test fails.

1. Google prevents users from accessing Gmail using apps/devices that do not meet their security standards.

Solution:

Log in to the website (<https://www.google.com/settings/security/lesssecureapps>), and "start using access of application not safe enough". The device can send mails normally.

2. Gmail does not remove CAPTCHA authentication.

Solution: Click the link below, and then click "continue"

(<https://accounts.google.com/b/0/displayunlockcaptcha>).

A.6.4 Failed to Send Mails to QQ or Foxmail

Fault Description:

The receiver's mailbox is QQ or foxmail. Click "Test Inbox" and prompt test fails.

1. Wrong QQ account or password.

Solution:

the password required for QQ account login is not the password used for normal login. The specific path is: Enter the email account → device → account → to generate the authorization code, and use the authorization code as the login password.

2. SMTP login permission is needed to open.

A.6.5 Failed to Send Mails to Yahoo

Fault Description:

The receiver's mailbox is yahoo. Click "test inbox" and prompt test fails.

1. The security level of mailbox is too high.

Solution:

Go to your mail account and turn on "less secure sign-in".

A.6.6 Mail Configuration

Table A-1 Mail Configuration

Mail Type	Mail Server	SMTP Port	Protocols Supported
Gmail	smtp.gmail.com	587	TLS/STARTTLS (TLS)
Outlook	smtp.office365.com	587	STARTTLS (TLS)
Hotmail	smtp.office365.com	587	STARTTLS (TLS)
QQ	smtp.qq.com	587	STARTTLS (TLSv1.2)
Yahoo	smtp.mail.yahoo.com	587	STARTTLS (TLSv1.2)
126	smtp.126.com	465	SSL/TLS
Sina	smtp.sina.com	25/465/587	SSL/TLS/STARTTLS (SSL/TLS)

Note

About mail configuration:

- SMTP portDefault to use port 25 without encryption, or using port 465 if SSL/TLS is used. Port 587 is mainly used for STARTTLS protocol mode. The STARTTLS protocol mode that is usually used by default when selecting TLS.
- User nameUser name of Outlook and Hotmail require full names, and other email require a prefix before @.

B. Input Types

Table B-1 Input Types

Input Types	Operations
Instant Zone	The system will immediately alarm when it detects triggering event after system armed. Audible Response Trigger the system sound and sounder. Voice Prompt: Zone X alarm.
Perimeter Zone	The system will immediately alarm when it detects triggering event after system armed. Audible Response: Trigger the system sound and sounder. There is a configurable interval between alarm and sounder output, which allows you to check the alarm and cancel the sounder output during the interval. Voice Prompt: Zone X perimeter alarm.
Delayed Zone	The system provides you time to leave through or enter the defense area without alarm. Audible Response: Trigger the system sound and sounder. Voice Prompt: Zone X alarm.
Follow Zone	The zone acts as delayed zone when it detects triggering event during system Entry Delay, while it acts as instant zone otherwise. Audible Response: Trigger the system sound and sounder. Voice Prompt: Zone X follow alarm.
24H Silence Zone	The zone activates all the time without any sound/sounder output when alarm occurs. Audible Response: No system sound (voice prompt or sounder).
Panic Zone	The zone activates all the time. Audible Response: Trigger the system sound and sounder. Voice Prompt: Zone X panic alarm.
Fire Zone	The zone activates all the time with sound/sounder output when alarm occurs.

Input Types	Operations
	Audible Response: Trigger the system sound and sounder. Voice Prompt: Zone X fire alarm.
Gas Zone	The zone activates all the time with sound/sounder output when alarm occurs. Audible Response: Trigger the system sound and sounder. Voice Prompt: Zone X gas alarm.
Medical Zone	The zone activates all the time with beep confirmation when alarm occurs. Audible Response: Trigger the system sound and sounder. Voice Prompt: Zone X medical alarm.
Timeout Zone	The zone activates all the time. The zone type is used to monitor and report the "ACTIVE" status of a zone, but it will only report and alarm this status after the programmed time has expired (1 to 599) seconds.
Disabled Zone	Alarms will not be activated when the zone is triggered or tampered. Audible Response: No system sound (voice prompt or sounder).
Virtual Zone (Keypad/Keyfob)	The system will immediately alarm when it detects triggering event after system armed. Audible Response: Trigger the system sound and sounder. Voice Prompt: Buzzer beeps.
Tamper Alarm (Lid Opened Alarm)	The system will immediately alarm when it detects triggering event after system armed. Audible Response: Trigger the system sound and sounder. Voice Prompt: Zone X tampered.
Link	Trigger the linked device when event occurs. e.g. The output expander linked relays will be enabled when the AX HYBRID PRO is armed.
Arm	When armed: Voice prompt for fault. You can handle the fault according to the voice prompt. ● System sound for arming with Tag or keyfob. ● Voice prompt for fault. You can handle the fault according to the voice prompt.

Input Types	Operations
	Fault event displays on client. You can handle the fault via client software or mobile client. ● Voice Prompt: Armed/Arming failed.

C. Output Types

Table C-1 Output Types

Output Types	Active	Restore
Arming	Arm the AX HYBRID PRO	After the configured output delay
Disarming	Disarm the AX HYBRID PRO	After the configured output delay
Alarm	When alarm event occurs. The alarm output will be activated after the configured exit/enter delay.	After the configured output delay, disarm the AX HYBRID PRO or silence alarm
Zone Linkage	When alarm event occurs, the linked relay will output alarm signal.	After the configured output duration
Manual Operation	Enable relays manually	Over the triggering time or disable the relays manually

D. Event Types

Table D-1 Event Types

Event Types	Custom	Default 1 (client software notification)	Default 2 (alarm receiving center 1/2)	Default 3 (mobile client)	Default 4 (telephone)
Alarm and Tamper	x/√	√	√	√	√
Life Safety Event	x/√	√	√	√	√
System Status	x/√	√	x	x	x
Panel Management	x/√	√	x	x	x

E. Access Levels

Level	Description
1	Access by any person; for example the general public.
2	User access by an operator and administrator; for example customers (systems users).
3	User access by an installer; for example an alarm company professional.

Table E-1 Permission of the Access Level

Function	Permission		
	1	2	3
Arming	No	Yes	Yes
Disarming	No	Yes	Yes
Restoring/Clearing Alarm	No	Yes	Yes
Entering Walk Test Mode	No	Yes	Yes
Bypass(zone)/Disabling/Force Arming	No	Yes	Yes
Adding/Changing Verification Code	No	Yes ^d	Yes ^d
Adding/Editing Level 2 User and Verification Code	No	Yes	Yes
Adding/Editing Configuration Data	No	No	Yes
Replacing software and firmware	No	No	No

Note

^a By the condition of being accredited by user in level 2.

^b By the condition of being accredited by user in level 2 and level 3.

^d Users can only edit their own user code.

- The user level 2 can assign the login permission of the controller to the user level 3 in the settings page.
- The user level 2 should assign permissions to the user level 3 if the user level 3 wants to login the controller remotely.
- When the controller is bypassed, the user level 3 can login the controller without the permission assignment of the user level 2.

- When the controller is bypassed, the user level 3 can login the controller without the permission assignment of the user level 2.
- The user level 4 can login the controller only when the user level 2 or level 3 has assigned permissions to the user level 4.

F. Signalling

Detection of ATP/ATS Faults

ATP (Alarm Transmission Path) faults will be detected when network interface of the control panel disconnected or the transmission path to the transceiver of receiving center located in ARC blocked somewhere in between. An ATS (Alarm Transmission System) fault will be reported when ATP faults are detected on both transmission paths.

ATP restore will be detected as soon as network interface connected and the transmission path to the transceiver of receiving center restored. ATS restore will be reported when ATP restore of any transmission path is detected.

The timing performance of detecting ATP faults and restores shows in the table below.

	TN	Maximum timing of detection
Primary ATP failure/restore	LAN/WiFi	10 min
Secondary ATP failure/restore	GPRS	60 min
	3G/4G LTE	20 min (when primary ATP failed)

Signalling will be always transmitted from primary ATP when it is operational. Otherwise it will be automatically switched to secondary transmission path that is operational at the moment. Both primary and secondary ATP fault and restore events will be reported to ARC when there is an ATP left to work. They will also be recorded to mandatory log memory with capacity of 1000 records allocated in non-volatile flash memory storage, as well as the ATS fault record. The detail of reports and log records are listed in the table below.

	Event code when signalling	Event log description
Primary ATP failure/restore	E351/R351	LAN Path Failed/LAN Path Recovery
Secondary ATP failure/restore	E352/R352	Mobile Net Path Failed/Mobile Net Path Recovery
ATS failure/restore	N/A	ATS Failed
Primary network interface failure/restore	E351/R351	LAN Path Failed/LAN Path Recovery
Secondary network interface failure/restore	E352/R352	Mobile Net Path Failed/Mobile Net Path Recovery

ATS Category

The ATS category of AXPRO is DP2. While the alarm receiving center is enabled. The control panel will upload alarm report to the receiver center via the main path (LAN or Wi-Fi) or the back-up path (3G/4G). If the control panel is properly connected to the LAN or Wi-Fi, the main path is selected as the transmission path. If the main path connection is failed, the path will be switched to 3G/4G. And if the main path connection is restored, the path will be switched back to LAN or Wi-Fi. The control panel checks the connection status continuously, and generates logs transmission fault for any of the path. While both of the paths are invalid, the control panel determines ATS fault.

G. SIA and CID Code

Note

The code below is for transmitting from the security control panel to ARC via DC09 protocol.

Table F-1 SIA and CID Code

SIA code	CID code	Description
MA	1100	Medical Alarm
MH	3100	Medical Alarm Restored
BA (Water Leak Detector: WA)	1130 (Water Leak Detector: 1154)	Burglary Alarm
BH (Water Leak Detector: WH)	3130 (Water Leak Detector: 3154)	Burglary Alarm Restored
FA (Heat Detector: KA)	1111 (Heat Detector: 1114)	Fire Alarm
FH (Heat Detector: KH)	3111 (Heat Detector: 3114A)	Fire Alarm Restored
HA	1121	Duress alarm
HA	1122	Silent Panic Alarm
HH	3122	Silent Panic Alarm Restored
	1133	24H Alarm
	3133	24H Alarm Restored
NA	1780	Timeout Alarm
BH	3780	Timeout Alarm Restored
PA	1120	Panic Alarm
		Audible Panic Alarm
PH	3120	Audible Panic Alarm Restored
BA	1130	Burglary Alarm
BH	3130	Burglary Alarm Restored
BA	1131	Perimeter Breached
BH	3131	Perimeter Restored
AD	1132	Interior Burglary Alarm
CK	3132	Interior Burglary Alarm Restored
BA (Water Leak Detector: WA)	1130 (Water Leak Detector: 1154)	24H Alarm
BH (Water Leak Detector: WH)	3130 (Water Leak Detector: 3154)	24H Alarm Restored
BA (Water Leak Detector: WA)	1130 (Water Leak Detector: 1154)	Burglary Alarm
BH (Water Leak Detector: WH)	3130 (Water Leak Detector: 3154)	Burglary Alarm Restored
TA	1137	Lid Opened

SIA code	CID code	Description
TR	3137	Lid Restored
BV	1139	Confirmed Alarm
BW	3139	Confirmed Alarm Restore
		BUS Open-circuit Alarm
		BUS Open-circuit Restored
AF	1142	BUS Short-circuit Alarm
CN	3142	BUS Short-circuit Restored
TA	1144	External Probe Disconnected
TR	3144	External Probe Connected
AG	1148	Device Motion Alarm
CO	3148	Device Motion Alarm Restored
	1149	Masking Alarm
	3149	Masking Alarm Restored
GA	1162	Gas Leakage Alarm
GH	3162	Gas Leakage Alarm Restored
AH	1207	Zone Early-Warning
CP	3207	Zone Early-Warning Dismissed
AT	1301	Mains Power Lost
AR	3301	Mains Power Restored
YT	1302	Battery Low
YR	3302	Battery Voltage Restored
ZY	1305	Reset to defaults
YM Transmitter battery missing ID range: 301~	1311 Transmitter battery missing ID range: 301~	Battery Disconnected
YR Transmitter battery missing ID range: 301~	3311 Transmitter battery missing ID range: 301~	Battery Reconnected
YI	1312	Overcurrent Protection Triggered
YJ	3312	Overcurrent Protection Restored
YP	1319	Overvoltage Protection Triggered
YQ	3319	Overvoltage Protection Restored
AI	1333	Expander Exception
CQ	3333	Expander Restored
AJ	1336	Printer Disconnected
CR	3336	Printer Connected
XT	1384	Battery Low
XR	3384	Battery Voltage Restored
		Expander Low Voltage
		Normal Expander Voltage
AT	1342	Mains Power Lost
AR	3342	Mains Power Restored
YM	1311	Battery Disconnected

SIA code	CID code	Description
YR	3311	Battery Reconnected
TA (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201)	1144 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201)	Lid Opened
TR (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201)	3144 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201)	Lid Restored
YP Transmitter AC power Loss ID range: 301~ Sounder AC power Loss ID range: 202~	1301 Transmitter AC power Loss ID range: 301~ Sounder AC power Loss ID range: 202~	Expander AC Power Loss
YQ Transmitter AC power Loss ID range: 301~ Sounder AC power Loss ID range: 202~	3301 Transmitter AC power Loss ID range: 301~ Sounder AC power Loss ID range: 202~	Expander AC Power Loss Restored
TA	1144	Lid Opened
TR	3144	Lid Restored
TA	1144	Lid Opened
TR	3144	Lid Restored
XL	1381	Device Offline
XC	3381	Device Restored
TA (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	1144 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	Lid Opened
TR (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	3144 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	Lid Restored
XT (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	1384 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	Battery Low
XR (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	3384 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	Battery Voltage Restored

SIA code	CID code	Description
XL (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	1381 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	Device Offline
XC (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	3381 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	Device Restored
LT	1351	Main Signalling Path Fault
LR	3351	Main Signalling Path Restored
LT	1352	Backup Signalling Path Fault
LR	3352	Backup Signalling Path Restored
AM	1354	Telephone Line Disconnected
CU	3354	Telephone Line Connected
AN	1382	BUS Supervision Fault
CV	3382	BUS Supervision Restored
	1380	
	3380	
TA	1144	Lid Opened
TR	3144	Lid Restored
		Zone Open-circuit Alarm
		Zone Short-circuit Alarm
OP	1401	Disarmed
CL	3401	Armed
OA	1403	Auto Disarmed
CA	3403	Auto Armed
BC	1406	Alarm Silenced
CW	3408	Instant Arming
CS	1409	Keyswitch Zone Disarming
OS	3409	Keyswitch Zone Arming
NL	3441	Armed in home mode
CX	3442	Forced Arming
		Turn On Output by Schedule
		Turn Off Output by Schedule
CT	1452	Late to Disarm
CD	1455	Auto Arming Failed
		Turning On Output Failed
		Turning Off Output Failed
		Auto Disarming Failed
	1556	Network Change
QB	1570	Bypassed

SIA code	CID code	Description
QU	3570	Bypass Restored
AU	1574	Group Bypass
CZ	3574	Group Bypass Restored
AV	1601	Manual Report Test
RP	1602	Periodic Report Test
TS	1607	Walk Test Enabled
TE	3607	Walk Test Disabled
AW	1617	Telephone Connection Test
LB	1627	Programming mode
LX	1628	Exit Programming
BA	1131	Intrusion Detection
BH	3131	Intrusion Detection Restored
BA	1131	Cross-Zone Alarm
BH	3131	Cross-Zone Alarm Restored
		PIR Alarm
		PIR Alarm Restored
AY	1775	Sudden Increase of Sound Intensity Alarm
DE	3775	Sudden Increase of Sound Intensity Alarm Restored
AZ	1776	Sudden Decrease of Sound Intensity Alarm
DF	3776	Sudden Decrease of Sound Intensity Alarm Restored
		Audio Input Fault
		Audio Input Restored
BA	1131	Line Crossing Alarm
BH	3131	Line Crossing Alarm Restored
BA	1134	Region Entrance Detection
EA	1134	
FA	1112	Fire Source Alarm
FH	3112	Fire Source Alarm Restored
KS	1158	High Temperature Pre-Alarm
KR	3158	High Temperature Pre-Alarm Restored
ZS	1159	Low Temperature Pre-Alarm
ZR	3159	Low Temperature Pre-Alarm Restored
KA	1158	High Temperature Alarm
KH	3158	High Temperature Alarm Restored
ZA	1159	Low Temperature Alarm
ZH	3159	Low Temperature Alarm Restored
EA	1134	Region Exiting Detection
PA (The user No. of keyfob starts from 901)	1120 (The user No. of keyfob starts from 901)	Audible Panic Alarm

SIA code	CID code	Description
		Audible Panic Alarm
		Audible Panic Alarm
		Audible Panic Alarm
FA	1110	Keypad/Keyfob Fire Alarm
		Keypad/Keyfob Burglary Alarm
CI	1454	Arming Failed
MA (Contains user information in the text message if triggered by keyfobs.)	1100	Keypad/Keyfob Medical Alarm
DK	1501	Keypad Locked
DO	3501	Keypad Unlocked
		Absence Alarm
		Keypad Disconnected
		Keypad Connected
		KBUS Relay Disconnected
		KBUS Relay Connected
		KBUS GP/K Disconnected
		KBUS GP/K Connected
		KBUS MN/K Disconnected
		KBUS MN/K Connected
DK	1501	Tag Reader Locked
DO	3501	Tag Reader Unlocked
BD	1865	Unregistered Tag
XL	1381	Device Offline
XC	3381	Device Restored
XT	1384	Battery Low
XR	3384	Battery Voltage Restored
XL (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201)	1381 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201)	Device Offline
XC (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201)	3381 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201)	Device Restored
XL	1381	Device Offline
XC	3381	Device Restored
BI	1918	Radar Transmitter Fault
DL	3918	Radar Transmitter Restored
XT	1384	Battery Low
XR	3384	Battery Voltage Restored
NT	1350	Cellular Fault

SIA code	CID code	Description
NR	3350	Cellular Restored
NT	1350	SIM Card Exception
NR	3350	SIM Card Restored
NT	1350	Network Fault
NR	3350	Network Restored
XQ	1344	Jamming Detected
XH	3344	Jamming Restored
NT	1350	Data limitation Reached
XT	1384	Battery Low
XR	3384	Battery Voltage Restored
NT	1350	IP Address Already Used
NR	3350	Normal IP address
NT	1350	Network Fault
NR	3350	Network Restored
BA	1131	Motion Detection Alarm Started
BH	3131	Motion Detection Alarm Stopped
BJ	1941	Device Blocked
DM	3941	Device Blocking Alarm Restored
		Video Signal Loss
		Video Signal Restored
		Input/Output Format Unmatched
		Input/Output Format Restored
		Video Input Exception
		Video Input Restored
		Full HDD
		Free HDD
		HDD Exception
		HDD Restored
		Upload Picture Failed
BQ	1948	Email Sending Failed
BR	1949	Network Camera Disconnected
DS	3949	Network Camera Connected
		Duty Checking
		Post Response
BU	1962	Fire Alarm Consulting
DT	3962	Fire Alarm Consulting Over
BV	1963	Duress Alarm Consulting
DU	3963	Duress Alarm Consulting Over
BW	1964	Emergency Medical Alarm Consulting
DV	3964	Emergency Medical Alarm Consulting Over
DW	3250	Patrol Signing

SIA code	CID code	Description
BX	1970	BUS Query
BY	1971	BUS Registration
BZ	1973	Single-Zone Disarming
DX	3973	Single-Zone Arming
CA	1974	Single-Zone Alarm Cleared
CB	1306	Device Deleted
DY	3306	Device Enrolled
CC	1976	Business Consulting
DZ	3976	Business Consulting Over
CD	1306	Device Deleted
EA	3306	Device Enrolled
CE	1306	Device Deleted
EB	3306	Device Enrolled
CF	1306	Device Deleted
	3306	Device Enrolled
CG	1306 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	Device Deleted
ED	3306 (The serial number of output module starts from 1, of keypad starts from 101, of tag reader starts from 201, of transmitter starts from 301)	Device Enrolled
JA	1461	Incorrect Password
NT	1350	Device Offline
YM	1311	Power Depletion

H. Communication Matrix and Operation Command

Please scan the QR code for communication matrix and operation command



AX HYBRID PRO Communication Matrix



AX HYBRID PRO Operation Command

User Privacy Statement

- The debug or zhimakaimen command is used to control access to the file system to ensure device security. To obtain this permission, you can contact technical support.
- The device has admin, installer, operator account. You can use these accounts to access and configure the device.

User Privacy Information Description

Password	The password for the device account, used to log in to the device.
User name	The username for the device account, used to log in to the device.
Device IP and port	The device IP and port are used to support network service communication. For details, refer to <i>Communication Matrix</i> .
Log	Used to record information such as device operating status and operation records.
Database information	Used to record information.



CHANGELOG



Atualização de firmware – IVA 7100 – Versão 5.3

Santa Rita do Sapucaí, 08 de Outubro de 2021

Lançada em 08/10/2021

Versão: 5.3

- » Melhorias no posicionamento do jumper J3 (Buzzer), a fim de facilitar o manuseio.
- » Implementado borne TAMPER, utilizado para anti-sabotagem do sensor.
- » Modificado a tensão de alimentação do sensor, sendo de 12V~24V DC.

IVA 7100 Dual/Quad/Hexa/Octa

Sensores de barreira infravermelho ativo multifeixes



Com longo alcance horizontal e alto desempenho para proteção vertical, a linha IVA 7100 Dual/Quad/Hexa/Octa permite maior segurança aos mais variados ambientes. Projetada para aplicações a áreas internas, semiabertas e externas, oferece proteção de perímetros extensos e evita disparos indesejados mesmo com a variação climática.

Características

- » Alcance de até 100 metros
- » Dois canais de frequência para empilhamento
- » Tempo rápido de resposta para detecções
- » Nível de alinhamento por LED e sinais sonoro do buzzer
- » Articulação em 360° horizontal
- » Detecção por bloqueio de 2 ou mais feixes simultaneamente
- » Grau de proteção IP65

Especificações técnicas

	IVA 7100 DUAL	IVA 7100 QUAD	IVA 7100 HEXA	IVA 7100 OCTA
Ambiente de aplicação	Interno, semiaberto e externo			
Número de feixes	2	4	6	8
Alcance de proteção com cabo SINC	100 metros			
Alcance de proteção sem cabo SINC	60 metros			
Método de detecção	Bloqueio de 2 feixes vizinhos			
Indicação de alinhamento/disparo	LED alinhamento e buzzer			
Saída de alarme	NA ou NF			
Chave antivolação (tamper)	Sim			
Canais de frequência	2 canais			
Empilhamento máximo	2 pares de sensor			
Tempo de resposta de detecção	50 - 100 ms			

Tempo de alarme	≥ 2 segundos
Filtro solar para ambientes externos	Sim
Borracha de vedação contra insetos	Sim

Características elétricas

	IVA 7100 DUAL	IVA 7100 QUAD	IVA 7100 HEXA	IVA 7100 OCTA
Alimentação DC	12 ~ 18 Vdc			
	A partir da versão 5.3 – 12 ~ 24 Vdc			
Corrente de consumo (TX + RX)	≤ 100 mA @ 12 Vdc			
Corrente máxima saída de alarme	2 A @ 24 Vdc			

Características mecânicas

	IVA 7100 DUAL	IVA 7100 QUAD	IVA 7100 HEXA	IVA 7100 OCTA
Dimensões do sensor (L x A x P) cm	3,8 x 47 x 5	3,8 x 75,5 x 5	3,5 x 107,5 x 5	3,8 x 140 x 5
Peso Bruto	0,73 kg	1,1 kg	1,4 kg	1,6 kg
Cor case	Cinza			
Grau de proteção	IP65			

Características ambientais

	IVA 7100 DUAL	IVA 7100 QUAD	IVA 7100 HEXA	IVA 7100 OCTA
Temperatura de operação	-10°C a +55°C			

Cenário de aplicação



DS-PDP15P-EG2-WE(B)

DS-PDP15P-EG2-WE is a fully supervised two-way wireless detector featuring motion detection, tamper protection, low battery and supervision. It can operate for up to 5 years from an in-built battery, and monitors the area within 15 m radius, ignores animals while recognizing human from the first step.

- Detection Range: 15 m/85.9°
- Up to 30 kg pet immunity
- SEC (Smart Environmental Control) - Advanced digital signal processing and 3D optics
- Fully remote configurable through APP
- Multiple enrollment method and easy installation design
- Easy replaceable battery with PCB protected
- Frequency hopping against jamming for reliable transmission

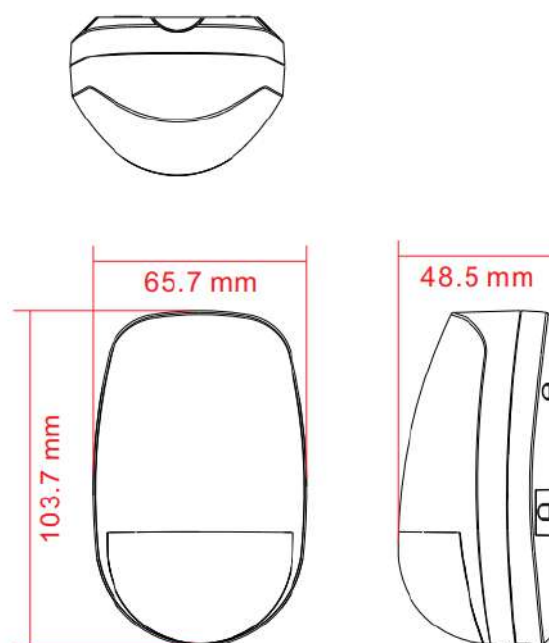
▪ Specification

Detection Performance	
Detection Method	Passive Infrared
Detection Range	15 m
Detection Angle	90°
Detection Zones	84
Detectable Speed	0.3 to 2 m/s
Sensitivity	Auto, High, Pet
Pet Immunity	30 Kg
White Light Filter	6500lux
Digital Temperature Compensation	Support
Creep Zone Protection	Support
Feature	
Digital Processing	Support
Sealed Optics	Support
Tamper Protection	Front, Rear
Environment Temperature Indicator	Support
Signal Strength Indicator	Support
Interface	
Power Switch	Power Up Enrolling
LED Indicator	Blue (Alarm)
Transmission	
Transmission Technology	Tri-X Wireless
Transmission Method	Two-Way RF Wireless
Transmission Frequency	868 MHz
Transmission Security	AES-128 Encryption
Transmission Range (Free Space)	1.6 Km
Frequency Hopping	Support
Enrolling Method	Power up, Remote ID, QR Code
Electrical Characteristics	
Standard Battery Life	Up to 5 years (standby time)
Power Supply	Battery Powered
Battery Type	CR123A × 1
Typical Voltage	3 V
General	
Operation Temperature	-10°C to 55°C (14 °F to 131 °F)
Storage Temperature	-20°C to 60°C (-4 °F to 140 °F)
Operation Humidity	10% to 90%
Dimension (W x H x D)	65.5 mm × 103 mm × 48.5 mm
Weight	128 g
Mounting Height	1.8 m to 2.4 m
Mounting Method	Wall
Application Scenario	Indoor
Bracket	Optional Wall & Ceiling Accessory

▪ Available Model

DS-PDP15P-EG2-WE(B)

▪ Dimension



▪ Accessory

▪ Optional

DS-PDB-IN-Wall bracket Internal ceiling mounted bracket	DS-PDB-IN-Ceiling bracket Internal wall mounted bracket	DS-PDP-IN-CR123A Indoor Detector Battery	DS-PWA96-Kit-WE AX PRO Kit (868MHz)	DS-PWA96-Kit1-WE
				
DS-PWA96-Kit2-WE				
				

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DS-PDP18-HM

Wired Double PIR Detector



Wired Double PIR Detector is an exceptional outdoor double PIR detector that boasts up to 2000 lux high light resistance. This device is specifically designed to safeguard the outdoor areas of your property, ensuring that any potential intrusion is detected and an alarm is triggered before any damage can occur. Its advanced features make it a reliable and effective security solution for your property.

- High/Low mount adjustment
- IP65 weather resistance for outdoor application
- Automatic sensitivity
- Selectable EOL resistors for alarm and tamper-proof wiring
- Digital temperature compensation and IFT technology
- 9 to 16 V wide voltage adaptation with polarity reverse connection protection

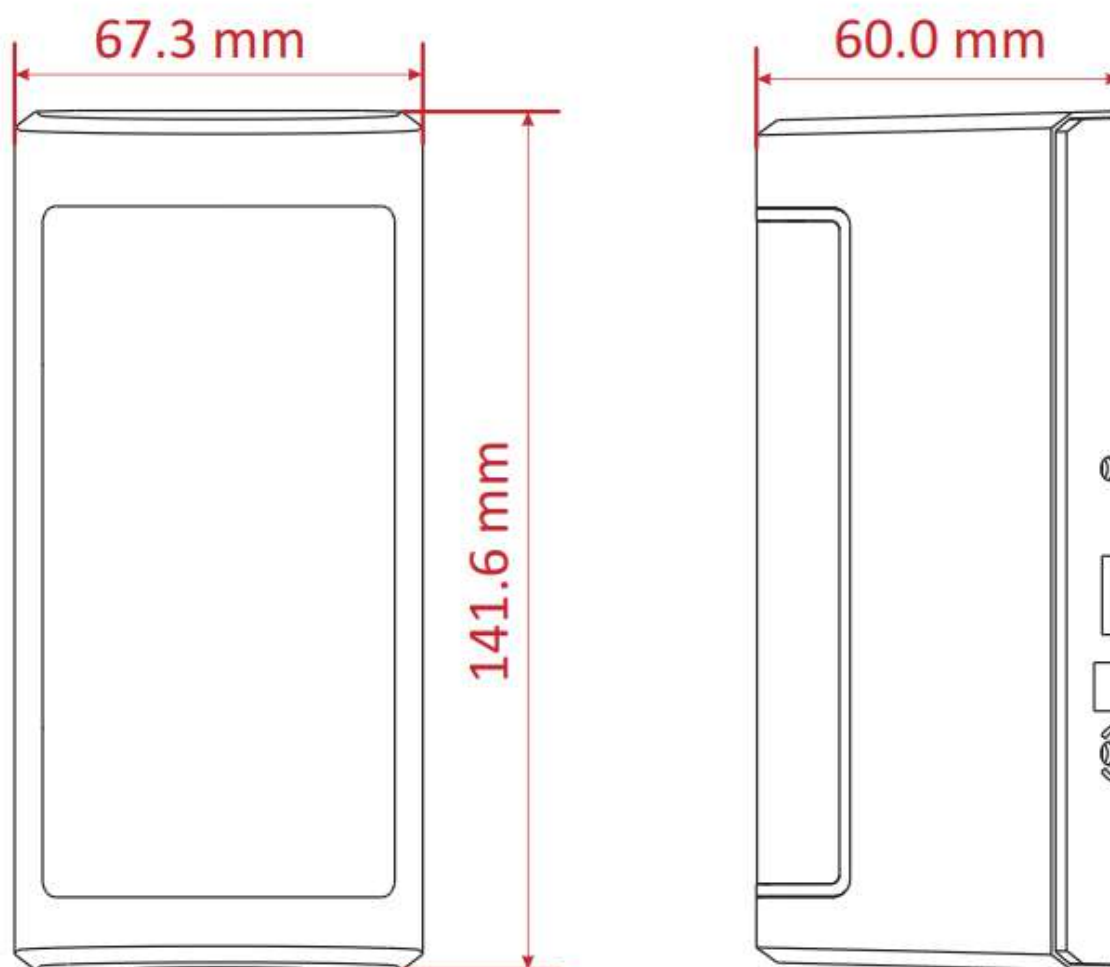
▪ Specification

Detection Performance	
Detection Method	Passive Infrared
Detection Range	18 m
Detection Angle	90°
Detection Zones	118
Detectable Speed	0.3 to 2 m/s
Sensitivity	Auto, Pet
White Light Filter	2000lux
Digital Temperature Compensation	Support
Feature	
Digital Processing	Support
Sealed Optics	Support
Tamper Protection	Front,Rear
Detection performance	
Pet Immunity	Up to 24 Kg
Software features	
End of line resistance	Alarm: 1K,2K2,4K7,5K6,6K8 Tamper: 1K,2K2,4K7,5K6
Hardware features	
Alarm output	Normally Closed
Interface	
LED Indicator	Blue(Alarm), Orange(Fault)
Electrical characteristics	
Power consumption	Maximum current: 9 mA @12 VDC Quiescent current: 14 mA@12 VDC
Typical voltage	12 VDC
Power supply	9 to 16 VDC
General	
Operation Temperature	-25 °C to 70 °C (-13 °F to 158 °F)
Storage Temperature	-25 °C to 70 °C (-13 °F to 158 °F)
Operation Humidity	10% to 90%
Dimension(WxHxD)	φ101.2 mm x 32.9 mm
Weight	2.5 to 3 m High Mount 0.8 to 1.2 m Low Mount
Mounting Height	2.4 to 4m
Mounting Method	Wall
Application Scenario	Indoor, Outdoor
General	
IP rate	IP 65

▪ Available Model

DS-PDP18-HM

▪ **Dimension**



-
- **Accessory**
- **Optional**

DS-PT1001-O



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DS-PHA64-LP AX Hybrid Pro control panel



AX Hybrid Pro control panel is a wired intrusion control panel with wireless detectors & peripherals access capability. It is the first control panel that supports Speed-X bus, which is a creative technology and is used to transmit verification video/picture from PIR-CAM. Besides, this hybrid control panel supports customized voice library, which is designed for users to upload customized voice files. These voice files will be played via alarm phone call when alarm triggered. As for basic functions, it supports Wi-Fi, TCP/IP and GPRS/3G/4G communication methods. It also supports Hik-ProConnect, Hik-Connect, Hik IP Receiver, Hik IP Receiver Pro and Hik-Central, which is applicable to the scenarios of market, hotel, supermarket, warehouse, office, house (especially with cables pre-installed), etc.

- Hybrid system: 8 on-board zones and 56 wired/wireless zones expandable; 4 on-board outputs (2 relay outputs and 2 I/O outputs) and 60 wired/wireless outputs expandable
- Dual-path communication of alarm events and other signals over LAN, PSTN, Wi-Fi, GPRS or 3G/4G utilizing a main and backup channel with configurable priority
- 4-ch onboard IP Camera video verification, supports video recording (5s pre-alarm + 2s post-alarm, or 2s pre-alarm + 5s post-alarm) for verification to the alarm receiving email or mobile client
- Supports arming/disarming via keypad, keyfob, mobile client, iVMS-4200, SMS and tag
- Pushes alarm notification via messages and Hik-Connect
- Supports ISAPI, Cloud P2P, ISUP, CSV-IP and DC-09 protocol
- Supports 1 Speed-X BUS

▪ Specification

Software features	
Zones	64 (8 On-board zones, max 8 wired PIRCAM)
Area	32
User	Installer: 1 Administrator: 1 Operator: 62
SMS notification	Support (with GPRS/3G/4G module)
Onboard video clips	4
ARC protocol	ISAPI: Supports iVMS-4200 client software and web client Cloud P2P: Supports cloud P2P privacy protocol DC-09: ARC accessible (ADM-CID/SIA-DCS) CSV-IP: Supports CSV-IP ISUP: Supports ISUP 5.0
Programming tools	Web/iVMS-4200/Hik-ProConnect/Keypad
Firmware upgrade	Web/iVMS-4200/Hik-ProConnect/Hik-ProConnect
End of Line Resistance	Support 1K, 2.2K, 4.7K, 5.6K, 6.8K, 8.2K
Hardware features	
Alarm input	64 (Including 8 on-board zones)
Alarm output	64 (Including 2 on-board relay outputs and 2 on-board I/O outputs)
Power Output	1. Bell: maximum 12V 1.2A 2. AUX: maximum 12V 1.5A 3. Bell and AUX maximum 12V 2.1A
3/4G on board	Optional
GPRS on board	Optional
Wi-Fi	802.11b/g/n (2.4GHz)
Bus	1 Speed-X bus
Sounder output	1 Wired on-board sounder output
Tamper-Proof	1 switch to detect removal from mounting 1 switch to detect front cover open
Netowrk interface	1 RJ45 10M/100M Ethernet interface
Electrical characteristics	
Power interface	100 to 240 VAC (on-board power transformer)
Power Consumption	1. 220V power supply ① With an alarm: 2A, 32W ② Without an alarm: 250mA, 4W 2. 13.5V battery supply ① With an alarm: 1.7A, 25W ② Without an alarm: 200mA, 2.7W
Battery type	Lead acid battery (12V 7Ah, battery is not included by default)
Battery life span	Up to 36hrs

Display	
Indicator	4 On-board LEDs: ① 1 AC power LED indicator (Green) ② 1 System status LED indicator (Green/Red) ③ 1 PSTN status LED indicator (Green/Red) ④ 1 Mobile communication status LED indicator (Green/Red)
General	
Operation temperature	-10°C to 40°C
Operation humidity	10% to 90%
Shell material	Plastic
Color	White
Dimension(WxHxD)	261 mm × 199 mm × 86.4 mm
Weight	997 g
Device management	
Tag	64
Keyfob	64
Keypad	8
Wireless sounder	16

▪ Available Model

DS-PHA64-LP

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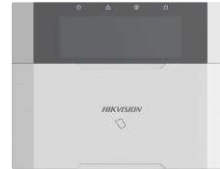


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DS-PK1-LRT-HWE/DS-PK1-LRT-HWB Wired keypad



The DS-PK1-LRT-HWE/DS-PK1-LRT-HWB wired keypad is an AX series keypad designed for AX hybrid pro control panel (DS-PHA48-EP, DS-PHA64-LP). The DS-PK1-LRT-HWE/DS-PK1-LRT-HWB supports built-in wireless transceiver and tag reader, which can work with keyfob and tag for arming/disarming.

- LCD screen display
- Supports one-touch arm (Arming without password)
- Supports fire/panic/medical alarm key
- Supports company name, phone number, time display
- Supports 2 on-board alarm inputs and 1 on-board alarm output
- Supports maximum 64 keyfobs



▪ Specification

Hardware features		DS-PK1-LRT-HWE	DS-PK1-LRT-HWB
Tag reader built in	1 built-in tag reader		
Serial port	1 TTL serial port		
Tamper-Proof	1 back-cover tamper-switch (Will be damaged when tamper triggered)		
Buzzer	1 on-board buzzer		
Function key	8 Function keys: Query, away arm, stay arm, disarm, alarm output, project, left, right		
RS-485	1 RS-485		
Alarm input	2 on-board alarm inputs		
Alarm output	1 on-board alarm output		
Electrical characteristics			
Power supply	DC 12 V		
Power consumption	Quiescent consumption: 0.984W @12 VDC power supply with 82mA current		Quiescent consumption: 0.972W @12 VDC power supply with 81mA current
	Max consumption: 1.32W @12VDC power supply with 110mA current		Max consumption: 1.33W @12VDC power supply with 111mA current
Wireless transmission			
RF frequency	868 MHz		433 MHz
Display			
Numeric key	0 to 9 , * , #		
Display screen	LCD screen		
Indicator	4 indicators and 1 backlight: (1) Power: Green (2) Faults: Fault-Orange / Alert-Flashing orange / Find me mode-flashing green (3) Armed: Blue (4) Alarm: Red (5) Keypad button backlight: White		
General			
Dimension(W×H×D)	150 mm × 115 mm × 28 mm		
Color	White		
Operation temperature	- 10 °C to 55 °C (14 °F to 131 °F)		
Operation humidity	10% to 90%		
Device management			
Keyfob	64		

▪ Available Model

DS-PK1-LRT-HWE

DS-PK1-LRT-HWB

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DS-PM1-I8O2-H Speed-X Wired Input Expander



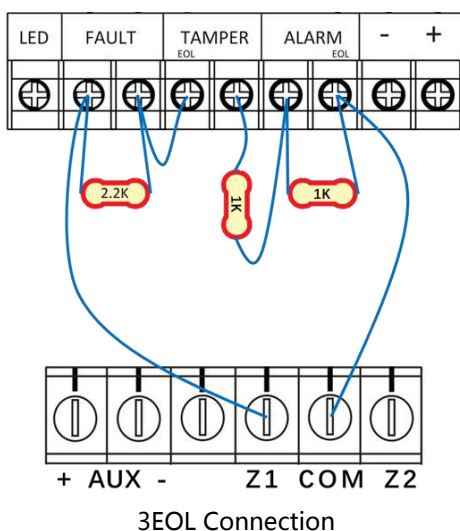
DS-PM1-I8O2-H is a wired zone expander for AX Hybrid Pro control panel, which has 8 on-board zones and 2 on-board collector outputs. This zone expander communicates with control panel via Speed-X bus, and the maximum distance between zone expander and control panel can be 900m. What's more, DS-PM1-I8O2-H has another Speed-X bus output for cascading the next zone expander, and the cable distance can be another 900m. In this way, wired input expander is suitable for small to medium applications, like villa, shop, office, hotel, etc.

- 8 on-board wired zones
- Support 3EOL connection(Alarm: 1K Ω ; Tamper: 1K Ω ; Fault: 2.2K Ω)
- Support zone alarm, tamper, masking, fault, short detection
- 1 power output for wired detectors
- 2 Speed-X bus, supporting wired input expander cascade mode

▪ Specification

Hardware features	
Alarm input	8
IO Output	2 (connect to relay module)
Bus	2×Speed-X bus, 1 input for control panel connection and 1 output for expander cascading
Tamper-Proof	Support (front and rear)
Electrical characteristics	
Power supply	11 to 24 VDC
Typical voltage	12 VDC
Power consumption	Maximum current: 119 mA@12 VDC Quiescent current: 45 mA@12 VDC
Output Voltage	9 to 12 VDC
Output Current	Maximum 500 mA
Display	
LED Indicator	LED indicators: 1 for power, 1 for fault
General	
Operation temperature	-10°C to 40°C
Operation humidity	10% to 90%
Shell material	Plastic
Dimension(WxHxD)	110 mm × 155 mm × 32 mm
Weight	252.5 g

▪ Running Environment



▪ Available Model

DS-PM1-I802-H

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DS-PM1-RT-HWE **868MHz Tri-X Wireless Receiver**



Tri-X wireless receiver, compatible with AX Hybrid Pro control panel, used to expand wireless capability of the control panel. HIKVISION Tri-X detectors can be added to AX Hybrid Pro panel via this wireless receiver.

- 868MHz wireless receiver
- Wireless transmission distance up to 1700m
- Supports 32 wireless detectors, 4 wireless indoor sounders and 8 wireless outdoor sounders

▪ Specification

Hardware features	
Bus	1 Speed-X bus
Electrical characteristics	
Power supply	9 to 28 VDC, 1A
Power consumption	Maximum current 100 mA@12 VDC; Quiescent current 40 mA@12 VDC
Wireless transmission	
RF frequency	868 MHz
Wireless security	Frequency hopping 128 AES encryption
Display	
LED Indicator	1. Green: power/find me 2. Orange: alarm/fault
General	
Dimension(WxHxD)	110 mm × 155 mm × 32 mm
Shell material	Plastic
Weight	225 g
Operation temperature	-10°C to 40°C
Operation humidity	10% to 90%
Device management	
Alarm input	Up to 32 wireless detectors(portable emergency button is not included)
Wireless sounder	Up to 8 wireless indoor sounder, 4 wireless outdoor sounder

▪ Available Model

DS-PM1-RT-HWE

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DS-PM2-S(AU) 3G/4G communication module



3G/4G communication module for AX Hybrid Pro series
control panel

- FDD-LTE B1/B3/B5/B7/B8/B28
- Dual-Band UMTS/HSDPA/HSPA+B1/B5



▪ Specification

Hardware features	
SIM slot	1
Wireless transmission	
RF frequency	· FDD-LTE B1/B3/B5/B7/B8/B28 ; · Dual-Band UMTS/HSDPA/HSPA+B1/B5
General	
Dimension(WxHxD)	62.03 mm × 88.28 mm
Weight	28 g
Operation temperature	-10°C to +40°C
Report method	
3G/4G	Supports

▪ Available Model

DS-PM2-S(AU)(海外标配)(样机),

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Sensor multifeixes tipo cerca virtual

Parabéns, você acaba de adquirir um produto com a qualidade e segurança Intelbras.

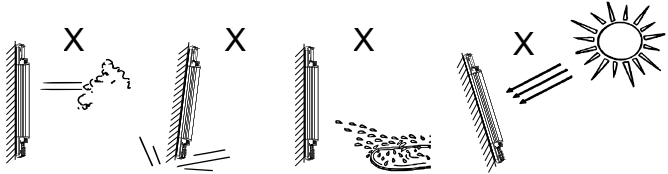
A família de sensores multifeixes IVA 7100 Dual, Quad, Hexa e Octa foi projetada para proporcionar uma barreira infravermelha capaz de cobrir uma área maior (altura x comprimento da barreira). Esses sensores podem ser instalados em ambientes internos, semiabertos e externos sem degradação de funcionamento, ou seja, sem causarem disparos indesejados. A tecnologia de feixes infravermelhos cruzados empregada nesses sensores aumenta a segurança ao dificultar que eles sejam burlados. Leia cuidadosamente as informações introdutórias do produto para o uso correto dos sensores.

1. Cuidados e segurança

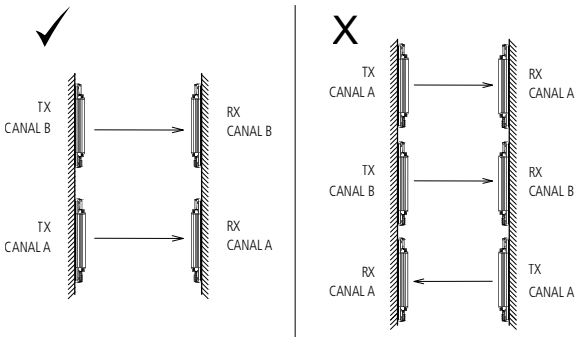


Recomenda-se que a instalação seja realizada por técnicos especializados certificados através dos cursos Intelbras ministrados pelo ITEC. Para saber mais a respeito, acesse o portal de treinamentos em www.treinamentos.intelbras.com.br. No QR code abaixo, faça o download da cartilha de sensores e confira as nossas dicas que irão facilitar a sua instalação.

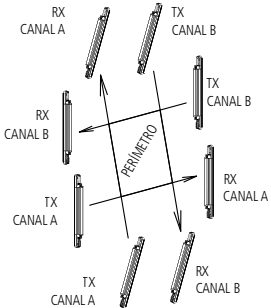
- » Instale o sensor em um local estável que não esteja sujeito a tremulações;
- » Instale o transmissor e o receptor de modo a ficarem alinhados;
- » Não instale o sensor em locais onde possa ocorrer a obstrução dos feixes, e assim causar disparos indevidos. Verifique se não há plantas, galhos ou outros objetos que possam obstruir o feixe do sensor;
- » Não instale o receptor e o transmissor com a lente voltada diretamente para o sol;



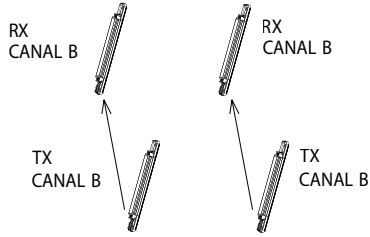
- » Certifique-se de que o lado de passagem de cabo fique voltado para baixo a fim de se evitar a entrada de água;
- » Dimensione corretamente a fonte e o cabo de alimentação;
- » Não deixe o cabo exposto ao sol, chuva ou umidade;
- » Não instale o sensor acima da distância recomendada;
- » Sempre verifique se não há reflexões em superfícies claras e polidas, as quais podem impedir o sensor de gerar disparos. Faça testes de caminhada em diversas posições ao longo da barreira para certificar-se de que não haja reflexões;
- » Utilize corretamente a borracha de vedação a fim de evitar a entrada de insetos no sensor;
- » Para limpar a parte externa do sensor utilize um pano umedecido com água, nunca utilize produtos químicos;
- » Para instalação de sensores empilhados, o número máximo de sensores instalados é 2 (dois) e eles devem estar em canais de frequência distintos, conforme imagem abaixo. Se necessária uma área de cobertura maior, utilize sensores com mais feixes;
- » Evite instalar o receptor próximo a fontes de ruídos eletromagnéticos. Após a instalação, realize testes para verificar o correto funcionamento do produto. Em caso de interferência troque o Transmissor de posição com o Receptor;



- » Para instalação de sensores em perímetros, sempre seguir a disposição de sensores abaixo:



- » A fim de evitar interferências entre sensores no mesmo canal, respeite a distância de proteção lateral conforme especificado abaixo.



	Distância entre TX e RX			
	25 m	50 m	75 m	100 m
Distância de Proteção Lateral (DPL)	> 2,5 m	> 5 m	> 7,5 m	> 10 m
Distância de Proteção Vertical (DPV)	Empilhamento máximo de 2 sensores			

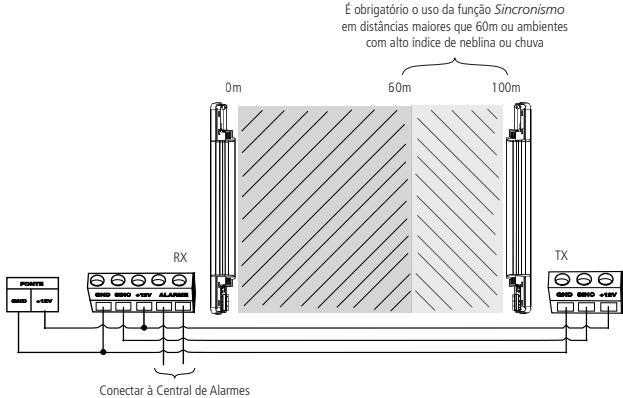
Ou seja, a Distância de Proteção Lateral é sempre a distância entre RX e TX dividida por 10 (dez).

$$DPL > \frac{\text{Distância entre TX e RX}}{10} \text{ [m]}$$

- » A função *Sincronismo* deve ser utilizada para melhorar a comunicação entre TX e RX e minimizar a ocorrência de disparos indevidos, quando instalados em ambientes agressivos como:
 - » Instalações onde os módulos se encontram em distancia superior a 60 metros entre si.
 - » Ambientes com superfícies com grande índice de reflexão dos feixes de infravermelho.
 - » Instalações com mais de um par de sensores instalados próximos, ou de forma que os feixes de um par se alinhem com os sensores de outro par (mesmo utilizando canais diferentes)
 - » Ambientes onde pode ocorrer alinhamento direto entre um dos módulo (TX ou RX) com a luz do sol.

Para habilitar esta função é necessário remover o jumper J2 do RX e conectar os terminais SINC (Sincronismo) do RX e TX através de um cabo padrão para sistemas de alarme (não fornecido com o produto).

Obs.: se estiver utilizando uma fonte para alimentar o TX e outra para alimentar o RX, deve-se conectar o GND de ambas as fontes para que a função sincronismo funcione corretamente.



Em ambientes externos com alto índice de neblina ou chuva, instale os sensores no máximo a 50% da distância máxima, de modo a evitar alarmes falsos. Nesses locais recomenda-se a utilização do cabo SINC função *Sincronismo* para evitar disparos em falsos.

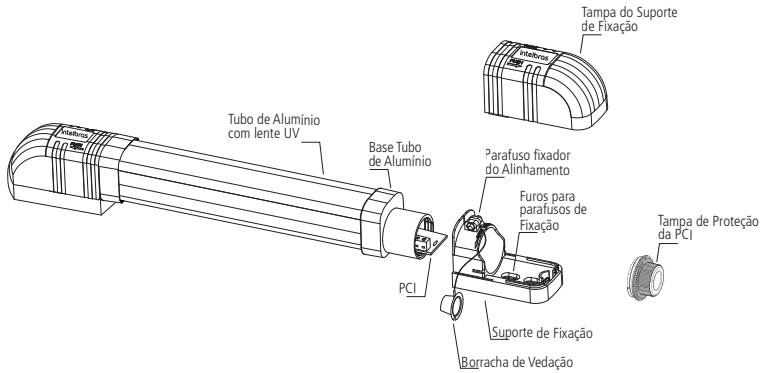
2. Especificações técnicas

Modelo	IVA 7100 Dual	IVA 7100 Quad	IVA 7100 Hexa	IVA 7100 Octa
Número de feixes	2	4	6	8
Tensão de alimentação	12 ~ 18 Vdc			
	A partir da versão 5.3 - 12 ~24 Vdc			
Corrente de consumo (TX + RX)	≤ 100 mA @ 12 Vdc			
Canais de frequência	2 canais, frequências A e B			
Níveis de potência	4 níveis, Mínima (sem Jumper), Baixa (C), Média (M), Alta (L)			
Distância máxima de proteção	COM Cabo SINC (Sincronismo)	100 m		
	SEM Cabo SINC (Sincronismo)	60 m		
Saída de alarme	Saída configurável NA/NF			
	2 A @ 24 Vdc			
Tempo de alarme	≥ 2s			
Tempo de resposta	50 ms ao bloquear 3 ou mais feixes			
	100 ms ao bloquear 2 feixes			
Método de detecção	Bloquear 2 feixes vizinhos ¹			
Indicação de alinhamento/disparo	LED alinhamento e buzzer			
Alinhamento horizontal	360°			
Tamper violação	ON e OFF, conforme posição do jumper (para versão inferior 5.3)			
Filtro solar para ambientes externos	Sim			

Temperatura de operação	-10 °C a 55 °C			
Grau de proteção IP	IP65			
Dimensões (L x A x P) cm	3,8 x 47 x 5	3,8 x 75,5 x 5	3,8 x 107,5 x 5	3,8 x 140 x 5
Peso	0,73 kg	1,1 kg	1,4 kg	1,6 kg

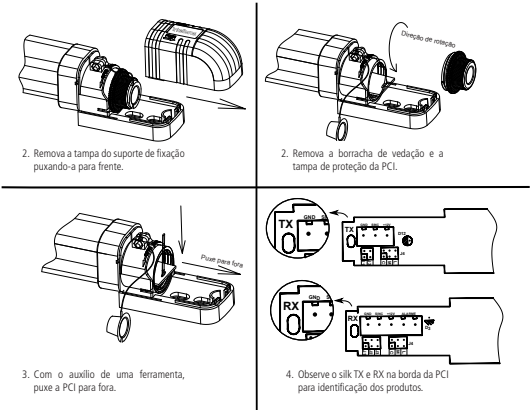
¹ No modelo IVA 7100 DUAL se o cabo *SINC* (Sincronismo) não estiver conectado o mesmo irá disparar caso o feixe superior seja interrompido individualmente tanto no modo de alinhamento quanto no modo contínuo.

3. Produto

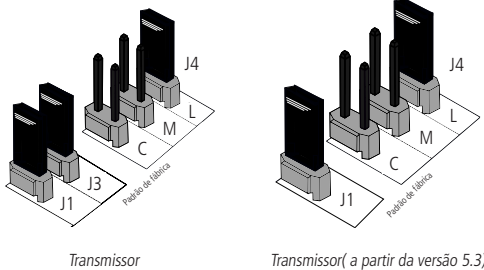


4. Instalação

- Por questões de segurança, é necessário abrir os sensores para identificar qual é o transmissor e qual é o receptor. Abaixo, o passo a passo para abrir o gabinete do sensor e realizar a identificação necessária;



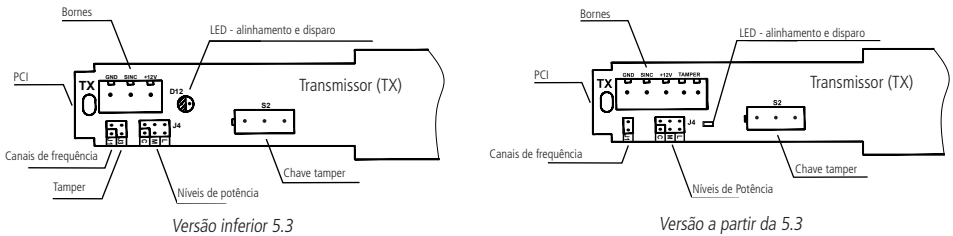
- Após identificação, configure os sensores:



		Transmissor
J1	Canais de Frequência	Com Jumper - Canal de Frequência A - (Padrão de fábrica)
		Sem Jumper – Canal de Frequência B
J3	Tamper ¹	Com Jumper - Tamper desabilitado (Padrão de fábrica)
		Sem Jumper – Tamper habilitado
J4	Potência ²	Jumper na Posição L- Potência Alta (Padrão de fábrica)
		Jumper na Posição M – Potência Média
		Jumper na Posição C – Potência Baixa
		Sem Jumper - potência mínima (indicada para distância curtas e com reflexão)

¹ Para versões a partir da 5.3, existe um borne específico para o tamper.

² Recomenda-se utilização do jumper de potência sempre na maior potência (L), isso garante uma maior intensidade do sinal infravermelho.



² Recomenda-se utilização do jumper de potência sempre na maior potência (L), isso garante uma maior intensidade do sinal infravermelho.

TATY

SIRENE PIEZO

Características técnicas:

- Sirene Piezoelétrica
- Uso em ambientes internos ou protegidos de intempéries
- Indicada também para alarmes de incêndio
- Potência máxima: 120 dB @ 1m
- Consumo: 200mA

Modelos disponíveis:

TATY-B

- Som de sirene com oscilação do tom
- Tensão nominal: 12 Volts
- Na cor branca

TATY-P

- Som de sirene com oscilação do tom
- Tensão nominal: 12 Volts
- Na cor preta

TATY-SIX

- Sirene multitonial
- Toca 6 diferentes sons de sirene
- Tensão nominal: 12 Volts
- Na cor preta

TATY-24B

- Som de sirene com oscilação do tom
- Tensão nominal: 24 Volts
- Na cor branca

TATY-24P

- Som de sirene com oscilação do tom
- Tensão nominal: 24 Volts
- Na cor preta

Peso e dimensões:

- Dimensões (mm): L 100 x A 89 x P 78
- Peso líquido aproximado: 0,100 Kg



TATY VIP

SIRENE PIEZO USO INTERNO

Características técnicas:

- Primeira sirene de parede fabricada no Brasil. Patentada.
- Som de sirene com oscilação do tom
- Uso em ambientes internos ou protegidos de intempéries
- Indicada também para alarmes de incêndio
- Potência máxima: 120 dB @ 1m
- Consumo: 200mA

Modelos disponíveis:

TATY VIP

- Tensão nominal: 12 Volts
- Na cor branca

TATY VIP-24

- Tensão nominal: 24 Volts
- Na cor branca

TATY VIP-V

- Tensão nominal: 12 Volts
- Na cor vermelha

TATY VIP-24V

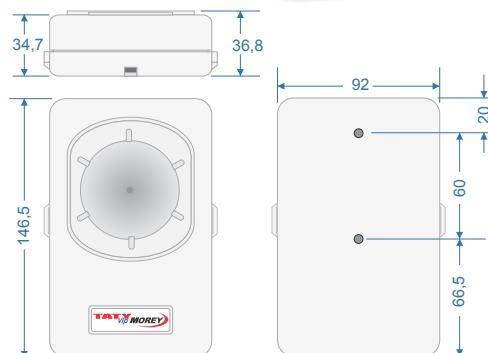
- Tensão nominal: 24 Volts
- Na cor vermelha

Conteúdo da embalagem:

- 1 Sirene TATY-VIP
- 2 Buchas No. 5
- 2 Parafusos 3,5 x 25mm cabeça fenda

Peso e dimensões:

- Dimensões (mm): L 92 x A 146 x P 37
- Peso líquido aproximado: 0,190 Kg





Wired Keypad

Operation Command

Legal Information

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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Arm	Away arm	【Password】 / 【Tag】 + 【  】	Note: One-push arming does not need to enter the password and supports not to select area No.
	Stay arm	【Password】 / 【Tag】 + 【  】	
	Area away arm	【Password】 / 【Tag】 + # + 【Area No.】 + 【  】	
	Area stay arm	【Password】 / 【Tag】 + # + 【Area No.】 + 【  】	
Disarm	Disarm	【Password】 / 【Tag】 + 【  】	
	Area disarm	【Password】 / 【Tag】 + # + 【Area No.】 + 【  】	
	Duress password disarm	【Duress password】 + 【  】	Note: You need to configure duress password on the control panel WEB client first.
Silence	Silence	【Password】 + 【 (hold >3 s)  】	
Relay	Enter relay selecting page	【Password】 + 【  】	Note: Use  ,  ,  ,  and # key to select the relay number, and press the  to confirm.
Settings	Settings	【Password】 + 【  】	Note: Only admin and installer have permission to operate this command.
Query	Query system failure	【Password】 + 【  】	Note: Only admin, installer and operators have permission to operate this command.

Alarm	Fire alarm	【(Hold >3 s)  】	
	Panic alarm	【(Hold >3 s)  】	
	Medical alarm	【(Hold >3 s)  】	

Note:

1. 【Tag】 here means short swiping (swipe time ≤ 3 s).
2. In relay page: Use $\leftarrow \uparrow$, $\downarrow \rightarrow$ and # key to select the relay number, and press the  to confirm.
3. In area page: Use $\leftarrow \uparrow$, $\downarrow \rightarrow$ and # key to select the area number, and press the ,  or  to confirm.
4. The password operation instructions mentioned above will first display all system faults and all zone faults of the current control panel. You need to confirm faults by the # key, and then perform the function of the next command (except for the query system fault command. After you confirm the fault, the command will end).
5. Arming process:
 - When the control panel starts the arming process, the keypad supports three stages of the arming process, including arming waiting, fault confirmation, and exit delay.
 - (1) Arming waiting stage: the keypad displays "Arming waiting".
 - (2) Fault confirmation stage: The keypad displays all system faults and operating area zone faults. If it is an away arming operation, confirm with the away arm key; if it is a stay arming operation, confirm with the stay arm key, and use the disarm key to cancel the fault.
 - (3) Exit delay stage: the keypad displays "Exit delay xxx s ", and the buzzer counts down.

Note: It only appears when the zone is the delay zone. Otherwise, the keypad displays the arming result.

- Skip the arming delay through the arm key.

Note: For away arming operations, this operation is also away arming; and for stay arming operations, then this operation is also stay arming.

- Cancel the arming through the disarm key.

- Result:

Success: The corresponding arming indicator lights for 5 s and then lights off, and the voice prompts the operation is successful.

Fail: The corresponding arming indicator does not light up, and the voice prompts that the operation has failed.

Settings

Enter password and press  to set keypad parameters.

User Management

The keypad displays added users.

1. Select **Add User**, enter user name and password, and confirm input by # key.

Note:

The user name can't be edited after adding.

2. (Optional) Select the user to enter the **User Parameter** page.
3. (Optional) Select **Keypad Password**, and enter new password to reset the keypad password.
4. (Optional) Select **User Permission**. Select one permission and enable it by # key. Press  to confirm the permission setting.
5. Select **Delete User** and confirm by # key.

Tag Management

The keypad displays added tags.

1. Select **Add Tag**, swipe the tag and enter the tag name.

Note:

The tag name can't be edited after adding.

2. (Optional) Select **Linked User**. Select one user and link it by # key. Press  to confirm the link setting.
3. Select the user to enter the **Tag Parameter** page. Select **Delete Tag** and confirm by # key.

Keyfob Management

The keypad displays added keyfobs.

1. Select **Add Keyfob**, press the keyfob and enter the keyfob name, and confirm input by # key.
2. Select the keyfob to enter the **Keyfob Parameter** page. Select **Delete Keyfob** and confirm by # key.

OSD Text

Select **Text1** and **Text 2**, enter customized content.

Control Panel Lock/Unlock

Select **Lock Control Panel** or **Unlock Control Panel**, and confirm by # key.

Note:

Only the installer has lock and unlock permissions.

When locked, you can only enter the settings page by 【Password】 + 【】.

Bypass/Restore Bypass

1. Select **Bypass**, and select zones. Confirm by # key
2. Select **Bypass Restored**, and select zones. Confirm by # key.

Network Management

1. Select **LAN**, **Wi-Fi**, **Cloud** or **Cellular Network**, and confirm by # key.
2. Disable **DHCP** by # key, and configure network parameters.

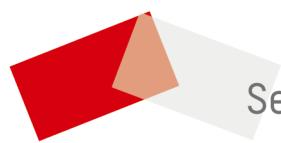
Query

Enter password and press  to check device status.

Select **Control Panel Status**, **Zone Status**, **Peripheral Status** or **Area Status** to see faults and status.

Select **Control Panel Info** to see model, serial number and version of the control panel.

Select **Keypad Info** to see model, serial number, version, bus address and bus status.



See Far, Go Further

**DS-PK1-LRT-HWE
Wired Keypad
User Manual**EN 50131-3:2009
EN 50131-1:2006+A1:2009+A2:2017+A3:2020
Security Grade 2, Environment Class II

ENGLISH

1 Component and Beep**Indicator**

- Solid green: Power on
Off: Power off
- Solid orange: Fault
Off: Normal
Flashing orange: Pending notifications
Flashing green: Find me mode
- Solid blue: All areas armed
Off: At least one area disarmed
- Solid red: Lid opened alarm
Flashing red: Zone alarm

Note: When the two alarms of appear at the same time, the lid opened alarm will be displayed first.

Key (short press)

- Away Arm Stay Arm Disarm Query
- Settings Output Scroll Up Scroll Down

Note: For specific instructions, please refer to **Operation Command**.

Key (hold >3s)

- Fire Panic Medical

Buzzer

- One short beep: Key tone/Swiped tag
Two short beeps: Operation succeeded
Three short beeps: Operation failed
One long beep: New fault
Two long beeps: Installer logged in/Installer logged out (lower volume)
One-time ding-dong: Short doorbell
Repeated sound effects: Fire alarm/Medical alarm/Panic alarm/Long doorbell/Enter delay/Exit delay/Auto arm or disarm

2 Address Settings

Configure the address via DIP switch of the keypad before powering on the system. The address should be in the range (0 to 63). The address of each keypad should be unique.

The binary value shown in the diagram is 000111, which means the decimal value is 7. So the address of the keypad is 7.

3 Wiring

- A. Keypad Wiring Method
a. Keypad b. Control panel
c. Common wiring
d. If this device is the last device on the speed-X bus, it needs to use a 120 Ω resistor (as shown).
- B. Zone Wiring Method (EOL=End of Line)
a. Keypad b. Detector
c. Resistors for NO/NC/Single EOL/Double EOL: 1K, 2.2K, 4.7K, 5.6K, 6.8K, 8.2K
d. Triple EOL Wiring Method: Resistor of Tamper (RT): 1k Ω
Resistor of Alarm (RA): 1k Ω
Resistor of Fault/Masking (RF): 2.2k Ω

Detector Status	RT	RA	RF	Circuit Resistance
Tamper	Open	Close	Close	∞
Normal	Close	Close	Close	1K Ω
Alarm	Close	Open	Close	2K Ω
Fault	Close	Close	Open	3.2K Ω
Masking	Close	Open	Open	4.2K Ω
Short Circuit	End resistance of the entire circuit is 0 Ω .			

4 Installation**5 Operation Command**

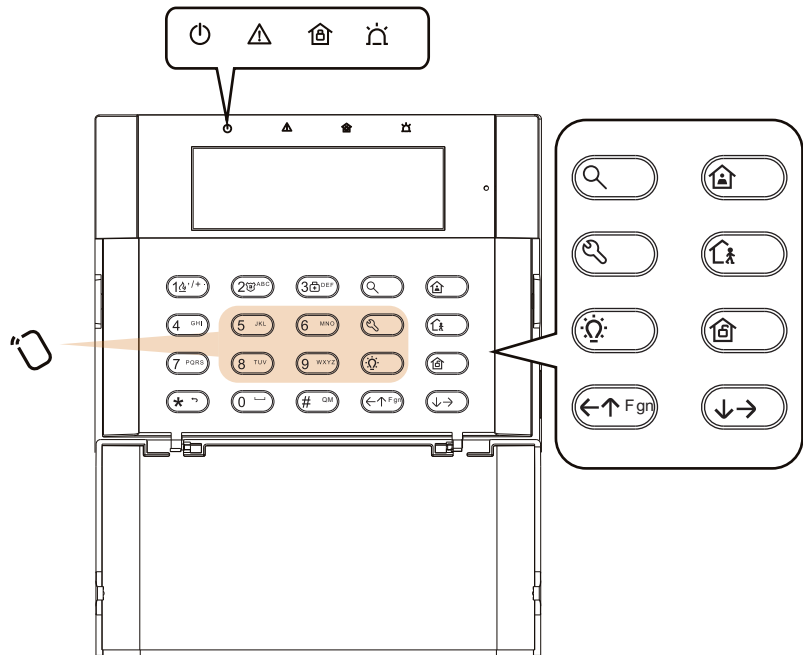
Scan the QR code to get operation commands of wired keypad.

Specification

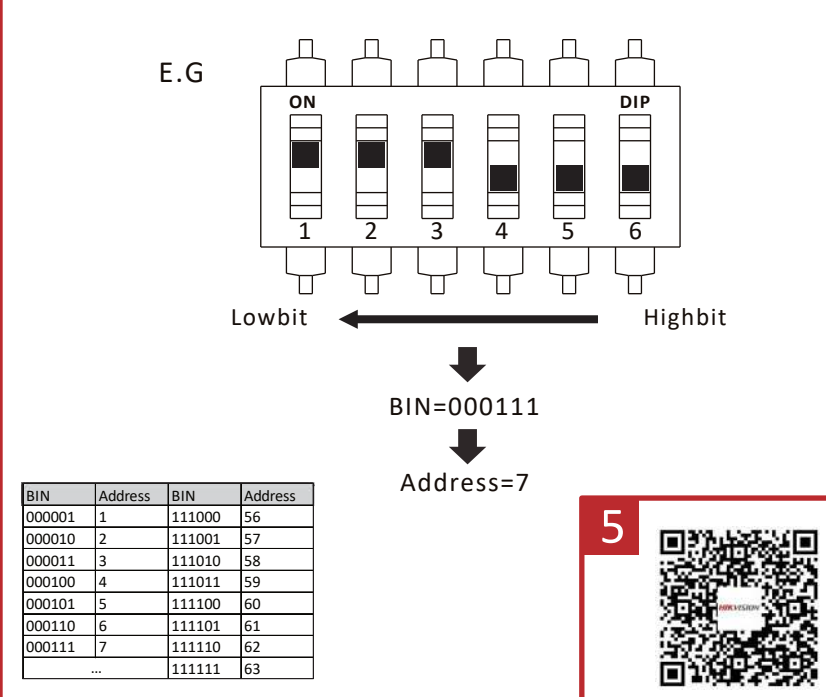
Wired Keypad	
Keyfob	64
Tag reader built in	1 built-in tag reader
Serial port	1 TTL serial port
Tamper-Proof	1 back-cover tamper-switch (Will be damaged when tamper triggered)
Buzzer	1 on-board buzzer
RS-485	1 speed-X bus
Alarm input	2 on-board alarm inputs
Alarm output	1 on-board alarm output
Power supply	DC 12 V
Power consumption	Quiescent consumption: 0.984 W @12 VDC power supply with 82 mA current Max consumption: 1.32 W @12 VDC power supply with 110 mA current
RF frequency	868 MHz
Key	Numeric key: 0 to 9 Function key: query, away arm, stay arm, disarm, alarm output, project, left, right Symbolic key: *, #
Display screen	LCD screen
Indicator	4 indicators and 1 backlight
Dimension (W×H×D)	150 mm × 115 mm × 28 mm
Color	White
Operation temperature	-10 °C to 55 °C (14 °F to 131 °F)
Operation humidity	10% to 90%

The device is supplied with 12V power by the AX Hybrid Pro Series control panels (DS-PHA64-LP, DS-PHA48-EP, etc.) of Hikvision, and the auxiliary power output of the control panel complies with LPS.

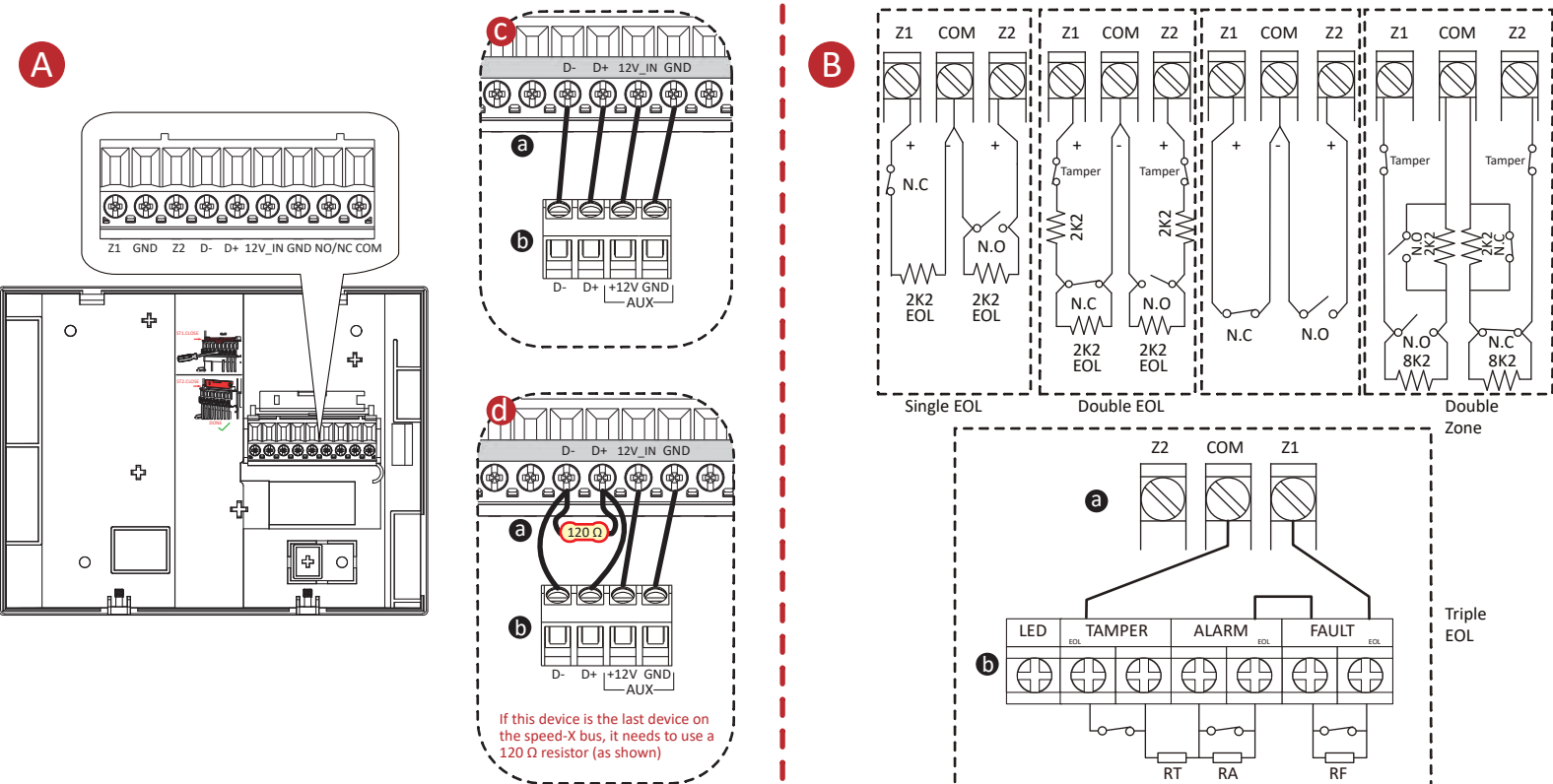
1



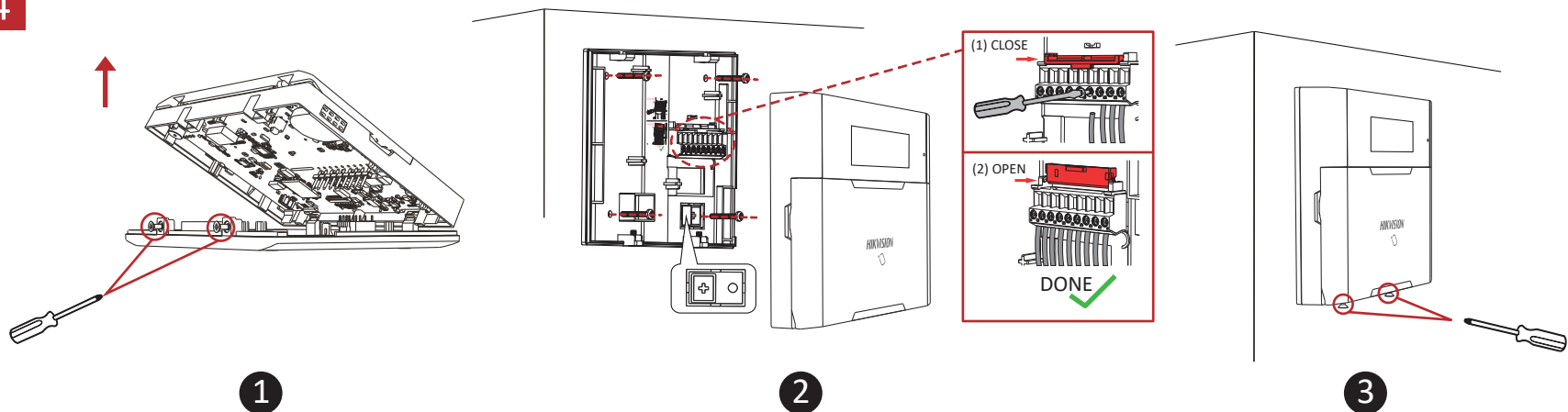
2



3



4



FRANÇAIS

1 Composant et bip**Indicateur**

- Vert fixe : sous tension
Éteint : hors tension
- Orange fixe : panne
Éteint : normal
Orange clignotant : notifications en attente
Vert clignotant : mode « trouvez-moi »
- Bleu fixe : toutes les zones armées
Éteint : au moins une zone désarmée
- Rouge fixe : alarme de couvercle ouvert
Rouge clignotant : alarme de zone

Remarque : Lorsque les deux alarmes de apparaissent en même temps, l'alarme de couvercle ouvert s'affiche en premier.

Touche (pression courte)

- Armer en mode absence Armer en mode à domicile Désarmer Requête
- Paramètres Sortie Défilement vers le haut Défilement vers le bas

Remarque : Pour des instructions spécifiques, veuillez vous référer à **Commandes d'opération**.

Touche (pression > 3 s)

- Incendie Panique Médical

Avertisseur

- Un bip court : tonalité de touche/étiquette balayée
Deux bips courts : opération réussie
Trois bips courts : échec de l'opération
Un bip long : nouvelle panne
Deux bips longs : installateur connecté/installateur déconnecté (volume plus faible)
Ding-dong : sonnerie courte
Effets sonores répétés : alarme incendie/alarme médicale/alarme panique/sonnerie longue/délai d'entrée/délai de sortie/armement ou désarmement automatique

2 Paramètres d'adresse

Configurez l'adresse via le commutateur DIP du clavier avant de mettre le système sous tension. L'adresse doit être comprise entre 0 et 63. L'adresse de chaque clavier doit être unique. La valeur binaire indiquée dans le diagramme est 000111, ce qui correspond à une valeur décimale de 7. L'adresse du clavier est donc 7.

3 Câblage

- A. Méthode de câblage du clavier
a. Clavier b. Panneau de commande
c. Câblage ordinaire
d. Si cet appareil est le dernier sur le bus Speed-X, une résistance de 120 Ω doit être prévue (comme illustré).
- B. Méthode de câblage de zone (EDL = Extrémité de ligne)
a. Clavier b. Détecteur
c. Résistances pour NO/NC/EDL simple/EDL double : 1 K, 2,2 K, 4,7 K, 5,6 K, 6,8 K, 8,2 K
d. Méthode de câblage EDL triple : Résistance antisabotage (RT) : 1 k Ω
Résistance d'alarme (RA) : 1 k Ω
Résistance de panne/masquage (RF) : 2,2 k Ω

État du détecteur	RT	RA	RF	Résistance du circuit
Antisabotage	Ouvert	Fermer	Fermer	∞
Normal	Fermer	Fermer	Fermer	1 k Ω
Alarme	Fermer	Ouvert	Fermer	2 k Ω
Panne	Fermer	Fermer	Ouvert	3,2 k Ω
Masquage	Fermer	Ouvert	Ouvert	4,2 k Ω
Court-circuit	La résistance d'extrémité du circuit entier est de 0 Ω .			

4 Installation**5 Commandes d'opération**

Scannez le code QR pour obtenir les commandes d'opération du clavier câblé.

Spécification

Clavier filaire	
Porte-clés	64
Lecteur d'étiquette intégré	1 lecteur d'étiquette intégré
Port série	1 port série TTL
Protection anti-sabotage	1 contact antisabotage au dos (une fois déclenché, il ne sera plus utilisable)
Avertisseur	1 avertisseur embarqué
RS-485	1 bus Speed-X
Entrée d'alarme	2 entrées d'alarme embarquées
Sortie d'alarme	1 sortie d'alarme embarquée
Alimentation électrique	12 V CC
Consommation électrique	Consommation au repos : 0,984 W sous une alimentation 12 V CC, 82 mA Consommation maximale : 1,32 W sous une alimentation 12 V CC, 110 mA
Fréquence RF	868 MHz
Clé	Touche numérique : 0 à 9 Touche de fonction : interrogation, armer en mode absence, armer en mode domicile, désarmer, alarme, réglages, gauche, droite Touche de symboles : *, #
Écran d'affichage	Écran LCD
Indicateur	4 témoins et 1 témoin de rétroéclairage
Dimensions (L x H x P)	150 mm x 115 mm x 28 mm
Couleur	blanc
Température de fonctionnement	-10 °C à 55 °C
Humidité de fonctionnement	10 à 90 %

Le dispositif est alimenté en 12 V par les panneaux de commande de la série AX Hybrid Pro (DS-PHA64-LP, DS-PHA48-EP, etc.) de Hikvision, et la sortie d'alimentation auxiliaire du panneau de commande est conforme à la norme LPS.

DEUTSCH

1 Komponente und Signalton

Statusanzeige	Durchgehend orange: Fehler Aus: Normal Orange blinkend: Ausstehende Benachrichtigungen Grün blinkend: Finde mich-Modus
	Alle Bereiche scharfgeschaltet Aus: Mindestens ein Bereich unscharf geschaltet
	Durchgehend rot: Alarm Deckel geöffnet Rot blinkend: Zonenalarm

Hinweis: Wenn die beiden Alarme von  gleichzeitig vorkommen, wird der Alarm „Deckel geöffnet“ zuerst angezeigt.

Taste (kurz drücken)

	Abwesend-Scharfschaltung		Anwesend-Scharfschaltung		Unscharf schalten		Abfrage
	Einstellungen		Ausgang		Aufwärts scrollen		Abwärts scrollen

Hinweis: Spezifische Anleitungen finden Sie unter *Betriebsbefehl*.

Taste (>3 s gedrückt halten)

	Feuer		Panik		Notfall
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Summer

Ein kurzer Signalton: Tastenton/durchgezogener Tag
Zwei kurze Signaltöne: Vorgang erfolgreich
Drei kurze Signaltöne: Vorgang fehlgeschlagen
Ein langer Signalton: Neuer Fehler
Zwei lange Signaltöne: Errichter angemeldet/Errichter abgemeldet (geringere Lautstärke)
Einmaliges Ding-Dong: Türklingel kurz
Wiederholte Toneffekte: Feueralarm/Medizinischer Alarm/Panikalarm/ Türklingel lange/Zugangsverzögerung/Ausgangsverzögerung/ Automatisch Scharf- oder Unscharfschalten

2 Adresseinstellungen

Konfigurieren Sie die Adresse über den DIP-Schalter des Bedienteils, bevor Sie das System einschalten. Die Adresse muss im Bereich (0 bis 63) liegen. Die Adresse aller Bedienteile muss eindeutig sein. Der in der Abbildung gezeigte Binärwert ist 000111, das heißt, der Dezimalwert ist 7. Die Adresse des Bedienteils ist also 7.

3 Verkabelung

- A. Bedienfeld-Verkabelungsmethode:
- Bedienteil
 - Alarmzentrale
 - Allgemeine Verkabelung
 - Wenn das Gerät das letzte Gerät am Speed-X-Bus ist, muss es einen 120-Ω-Widerstand nutzen (wie abgebildet).
- B. Zonen-Verkabelungsmethode (EOL = End of Line)
- Bedienteil
 - Melder
 - Widerstände für NO/NC/Einzel-EOL/Doppel-EOL: 1K, 2,2K, 4,7K, 5,6K, 6,8K, 8,2K
 - Dreifach-EOL-Verkabelungsmethode: Sabotagewiderstand (SW): 1 kΩ
Alarmwiderstand (AW): 1 kΩ
Fehler-/Maskierungswiderstand (FW): 2,2 kΩ

Melderstatus	SW	AW	Funk	Schaltungswiderstand
Sabotage	Öffnen	Schließen	Schließen	∞
Normal	Schließen	Schließen	Schließen	1 kΩ
Alarm	Schließen	Öffnen	Schließen	2 kΩ
Fehler	Schließen	Schließen	Öffnen	3,2 kΩ
Maskierung	Schließen	Öffnen	Öffnen	4,2 kΩ
Kurzschluss	Endwiderstand der gesamten Schaltung beträgt 0 Ω.			

4 Installation

5 Betriebsbefehl

Scannen Sie den QR-Code, um Betriebsbefehle für das kabelgebundene Bedienteil zu erhalten.

Technische Daten

Kabelgebundenes Bedienteil	
Schlüsselanhänger	64
Integriertes Tag-Lesegerät	1 integriertes Tag-Lesegerät
Serielle Schnittstelle	1 TTL serielle Schnittstelle
Sabotagesicherheit	1 Sabotageschalter auf der Rückseite (wird beschädigt, wenn Sabotage ausgelöst wird)
Summer	1 Summer auf der Platine
RS-485	1 Speed-X-Bus
Alarmeingänge	2 Alarmeingänge auf der Platine
Alarmausgang	1 Alarmausgang auf der Platine
Spannungsversorgung	12 V/DC
Stromverbrauch	Ruhestromverbrauch: 0,984 W bei 12 V/DC Stromversorgung mit 82 mA Strom
	Maximaler Verbrauch: 1,32 W bei 12 V/DC Stromversorgung mit 110 mA Strom
Funkfrequenz	868 MHz
Schlüssel	Zifferntasten: 0 bis 9 Funktionstaste: Abfrage, Abwesend scharf, Anwesend scharf, Unscharf, Alarmausgang, Projekt, Links, Rechts Symboltaste: *, #
	LCD-Display
Display	LCD-Display
Statusanzeige	4 Anzeigen und 1 Hintergrundbeleuchtung
Abmessungen (B x H x T)	150 mm x 115 mm x 28 mm
Farbe	Weiß
Betriebstemperatur	-10 °C bis 55 °C
Betriebsfeuchtigkeit	10 % bis 90 %

Das Gerät wird von den AX Hybrid Pro Serie Alarmzentralen (DS-PHA64-LP, DS-PHA48-EP usw.) von Hikvision mit 12 V Strom versorgt, der Zusatz-Stromausgang der Alarmzentrale entspricht LPS.

ESPAÑOL

1 Componente y pitido

Piloto	Verde fijo: Encendido Apagado: Apagado		Naranja fijo: Fallo Apagado: Normal Naranja intermitente: Notificaciones pendientes Verde intermitente: Modo de búsqueda
	Azul fijo: Armado de todas las áreas Apagado: Al menos un área desarmada		Rojo fijo: Alarma de tapa abierta Rojo intermitente: Alarma de zona

Nota: cuando aparezcan dos alarmas de  a la vez, la alarma de tapa abierta se mostrará primero.

Tecla (pulsación breve)

	Armado para ausencias		Armado en casa		Desarmar		Consulta
	Ajustes		Salida		Desplazarse hacia arriba		Desplazarse hacia abajo

Nota: para instrucciones específicas, consulte *Comando de operación*.

Tecla (púlsela durante más de 3 s)

	Fuego		Pánico		Médico
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Timbre

Un pitido breve: Tono de tecla/etiqueta deslizada
Dos pitidos breves: Operación completada
Tres pitidos breves: Fallo de operación
Un pitido largo: Nuevo fallo
Dos pitidos largos: Instalador conectado/instalador desconectado (volumen más bajo)
Un solo din don: Timbre corto
Efectos de sonido repetidos: alarma contra incendios/alarma médica/alarma de emergencia/timbre largo/retardo de entrada/retardo de salida/armado o desarmado automático

2 Ajustes de la dirección

Configure la dirección mediante el interruptor DIP del teclado antes de encender el sistema. La dirección debe estar dentro de un intervalo de 0 a 63. La dirección de cada teclado debe ser única. El valor binario que se muestra en el diagrama es 000111, lo que quiere decir que el valor decimal es 7. De modo que la dirección del teclado es 7.

3 Cableado

- A. Método de cableado del teclado
- Teclado
 - Panel de control
 - Cableado común
 - Si este es el último dispositivo en el bus Speed-X, debe utilizar un resistor de 120 Ω (como se muestra).
- B. Método de cableado de la zona (EOL = fin de línea)
- Teclado
 - Detector
 - Resistores para contacto normalmente abierto (NO)/normalmente cerrado (NC)/EOL individual/EOL doble: 1K, 2,2K, 4,7K, 5,6K, 6,8K, 8,2K
 - Método de cableado triple EOL: Resistor de manipulación (RM): 1 kΩ
Resistor de alarma (RA): 1 kΩ
Resistor de fallo/enmascaramiento (RF): 2,2 kΩ

Estado del detector	RM	RA	RF	Resistencia del circuito
Manipulación	Abierto	Cerrado	Cerrado	∞
Normal	Cerrado	Cerrado	Cerrado	1 kΩ
Alarma	Cerrado	Abierto	Cerrado	2 kΩ
Fallo	Cerrado	Cerrado	Abierto	3,2 kΩ
Enmascaramiento	Cerrado	Abierto	Abierto	4,2 kΩ
Cortocircuito	La resistencia final de todo el circuito es 0 Ω.			

4 Instalación

5 Comando de operación

Escanee el código QR para obtener los comandos de operación del teclado cableado.

Especificación

Teclado cableado	
Llavero transmisor	64
Lector de etiquetas integrado	1 lector de etiquetas integrado
Puerto serie	1 puerto serie TTL
Antimanomisión	1 interruptor de manipulación de la cubierta posterior (se daña al accionar la manipulación)
Timbre	1 timbre integrado
RS-485	1 bus Speed-X
Entrada de alarma	2 entradas de alarma integradas
Salida de alarma	1 salida de alarma integrada
Fuente de alimentación	12 VCC
Consumo eléctrico	Consumo en reposo: Fuente de alimentación de 0,984 W a 12 VCC con corriente de 82 mA
	Consumo máximo: Fuente de alimentación de 1,32 W a 12 VCC con corriente de 110 mA
Frecuencia de RF	868 MHz
Tecla	Tecla numérica: 0 hasta 9 Tecla de función: consulta, armado en ausencia, armado estando en casa, desarmar, salida de alarma, proyecto, izquierda y derecha. Tecla de símbolos: *, #
	LCD-Display
Pantalla	Pantalla LCD
Piloto	4 indicadores y 1 luz de fondo
Dimensiones (An x Al x F)	150 mm x 115 mm x 28 mm
Color	blanco
Temperatura de funcionamiento	-10 °C a 55 °C
Humedad de funcionamiento	10 % a 90 %

El dispositivo está provisto de 12 V de energía suministrados por los paneles de control de la serie AX Hybrid Pro (DS-PHA64-LP, DS-PHA48-EP, etc.) de Hikvision y la salida de energía auxiliar del panel de control cumple con la fuente de energía limitada (LPS, por sus siglas en inglés).

ITALIANO

1 Componente e suoneria

Indicatore	Verde fisso: Accensione Spegnimento: Spegnimento		Arancione fisso: Errore Spegnimento: Normale Arancione lampeggiante: Notifiche in attesa
	Blu fisso: Tutte le aree sono inserite Spegnimento: Almeno un'area non è inserita		Verde lampeggiante: Modalità Trovami Rosso fisso: Allarme coperchio aperto Rosso lampeggiante: Allarme di zona

Nota: Quando i due allarmi di  appaiono allo stesso tempo, l'allarme di coperchio aperto sarà mostrato prima.

Tasto (premere brevemente)

	Inserimento totale		Inserimento parziale		Disinserimento		Ricerca
	Impostazioni		Uscita		Scorri in alto		Scorri in basso

Nota: Per istruzioni specifiche, consultare *Comando operativo*.

Tasto (premere almeno 3 sec)

	Incendio		Antipanico		Allarme medico
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Cicalino

Un bip curto: Tono tasti/passaggio tag
Due bip brevi: Operazione riuscita
Tre bip brevi: Operazione non riuscita
Un bip lungo: Nuovo guasto
Due bip lunghi: Accesso/Uscita installatore (volume più basso)
Un solo din-don: Pressione breve campanello
Effetti sonori ripetuti: Allarme incendio/Allarme medico/Allarme antipanico/Pressione prolungata campanello/Ritardo entrata-uscita/Inserimento o disinserimento automatico

2 Impostazione dell'indirizzo

Configurare l'indirizo della tastiera tramite DIP switch prima di alimentare il sistema. L'indirizo deve essere compreso nell'intervallo (0-63). L'indirizo di ciascuna tastiera deve essere univoco. Il valore binario mostrato nel diagramma è 000111, che indica il valore decimale 7. Perciò l'indirizo della tastiera è 7.

3 Cablaggio

- A. Metodi di cablaggio della tastiera
- Tastiera
 - Pannello di controllo
 - Cablaggio generale
 - Se il dispositivo è l'ultimo dispositivo sul bus Speed-X, deve utilizzare un resistore da 120 Ω (come illustrato).
- B. Metodo di cablaggio della zona (EOL = fine linea)
- Tastiera
 - Rilevatore
 - Resistori per NA/NC/EOL singolo/EOL doppio: 1 k, 2,2 k, 4,7 k, 5,6 k, 6,8 k, 8,2 k
 - Metodo di cablaggio EOL triplo: Resistore di anti-manomissione (RT): 1 kΩ
Resistore di allarme (RA): 1 kΩ
Resistore di guasto/mascheramento (RF): 2,2 kΩ

Stato rilevatore	RT	RA	RF	Resistenza del circuito
Manomissione	Aperta	Chiusa	Chiusa	∞
Condizioni normali	Chiusa	Chiusa	Chiusa	1 kΩ
Allarme	Chiusa	Aperta	Chiusa	2 kΩ
Errore	Chiusa	Chiusa	Aperta	3,2 kΩ
Mascheramento	Chiusa	Aperta	Aperta	4,2 kΩ
Corto circuito	La resistenza finale dell'intero circuito è di 0 Ω.			

4 Installazione

5 Comando operativo

Eseguire la scansione del codice QR per ottenere i comandi operativi della tastiera cablata.

Specifiche

Tastiera cablata	
Telecomando	64
Lettore di tag integrato	Un lettore di tag integrato
Porta seriale	Una porta seriale TTL
Antimanomissione	Un interruttore antimanomissione sul retro (verrà danneggiato in caso di attivazione dell'allarme antimanomissione)
Cicalino	Un cicalino di integrato
RS-485	1 bus Speed-X
Ingresso allarme	2 ingressi di allarme integrati
Uscita allarme	Una uscita di allarme integrata
Alimentazione	12 VCC
Potenza assorbita	Consumo in standby: 0,984 W a 12 VCC, con corrente di 82 mA
	Consumo massimo: 1,32 W a 12 VCC, con corrente di 110 mA
Frequenza radio	868 MHz
Tasto	Tasto numerico: da 0 a 9 Tasto funzione: richiesta, inserimento completo, inserimento parziale, disinserimento, uscita allarme, proiezione, sinistra, destra; tasto simbolo: *, #
	Schermo LCD
Schermo	Schermo LCD
Indicatore	4 indicatori e retroilluminazione
Dimensioni (L x A x P)	150 × 115 × 28 mm
Colore	Bianco
Temperatura di esercizio	Da -10 °C a 55 °C
Umidità di esercizio	Da 10% a 90%

Il dispositivo è dotato di pannelli di controllo con alimentazione da 12 V della serie AX Hybrid Pro (DS-PHA64-LP, DS-PHA48-EP, ecc.) di Hikvision e l’uscita di alimentazione ausiliaria del pannello di controllo è conforme a LPS.

PORTUGUÊS

1 Componente e bip

Indicador	Verde fixo: Ligar Apagado: Desligar		Cor de laranja sólido: Falha Apagado: Normal Cor de laranja intermitente: Notificações pendentes Verde intermitente: Modo de localização
	Azul fixo: Todas as zonas armadas Apagado: Pelo menos uma zona desarmada		Vermelho fixo: Alarme de tampa aberta Vermelho intermitente: Alarme de zona

Nota: Quando ocorrerem dois alarmes de  em simultâneo, o alarme de tampa aberta é apresentado primeiro.

Tecla (pressão breve)

	Ativar ausente		Ativar presente		Desarmar		Consulta
	Definições		Saída		Mover para cima		Mover para baixo

Nota: Para obter instruções específicas, consulte a secção *Comandos de operação*.

Tecla (pressão >3s)

	Incêndio		Pânico		Médico
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Campanha

Um bip curto: Tom de tecla/Leitura de etiqueta
Dois bips curtos: Operação bem sucedida
Três bips curtos: Falha de operação
Um bip longo: Nova falha
Dois bips longos: Instalador conectado/Instalador desconectado (volume mais baixo)
Um toque ding-dong: Toque de campanha curto
Efeitos sonoros repetidos: Alarme de incêndio/Alarme médico/Alarme de pânico/Toque de campanha longo/Atraso de entrada/Atraso de saída/Armamento ou desarmamento automático

2 Definições do endereço

Configure o endereço com o interruptor DIP do teclado antes de ligar o sistema. O endereço deve estar no intervalo de 0 a 63. O endereço de cada teclado deve ser único.

O valor binário mostrado no diagrama é 000011, o que significa que o valor decimal é 7. Por conseguinte, o teclado tem o endereço 7.

3 Ligação

- A. Método de ligação do teclado numérico
- Teclado
 - Panel de controlo
 - Ligação comum
 - Se este dispositivo for o último dispositivo no barramento Speed-X bus, é necessário utilizar uma resistência de 120 Ω (conforme ilustrado).
- B. Método de ligação da zona (EOL= Fim de linha)
- Teclado
 - Detetor
 - Resistência para NO/NC/EOL singular/EOL duplo: 1K, 2,2K, 4,7K, 5,6K, 6,8K, 8,2K
 - Método de ligação do EOL triplo: Resistência da adulteração (RT): 1 kΩ
Resistência do alarme (RA): 1 kΩ
Resistência da falha/máscara (RF): 2,2 kΩ

Estado do detetor	RT	RA	RF	Resistência do circuito
Adulteração	Aberta	Fechada	Fechada	∞
Normal	Fechada	Fechada	Fechada	1 kΩ
Alarme	Fechada	Aberta	Fechada	2 kΩ
Falha	Fechada	Fechada	Aberta	3,2 kΩ
Ocultação	Fechada	Aberta	Aberta	4,2 kΩ
Curto-circuito	A resistência final da totalidade do circuito é de 0 Ω.			

4 Instalação

5 Comandos de operação

Leia o código QR para obter os comandos de operação do teclado com fios.

Especificações

Teclado com fios	
Comando	64
Leitor de etiquetas integrado	1 leitor de etiquetas integrado
Porta série	1 porta série TTL
Proteção contra adulteração	1 interruptor de proteção contra adulteração na tampa traseira (fica danificado em caso de ativação da proteção contra adulteração)
Campanha	1 campanha incorporada
RS-485	1 barramento Speed-X
Entrada de alarme	2 entradas de alarme incorporadas
Saída de alarme	1 saída de alarme incorporada
Alimentação elétrica	DC 12 V
Consumo de energia	Consumo em repouso: Alimentação elétrica de 0,984 W @12 VCC com corrente de 82 mA
	Consumo máximo: Alimentação elétrica de 1,32 W @12 VCC com corrente de 110 mA
Frequência RF	868 MHz
Chave	Tecla numérica: 0 a 9 Tecla de função: consulta, ativar ausente, ativar presente, desarmar

POLSKI

1 Elementy urządzenia i sygnały dźwiękowe

Wskaźnik
 Włączony (zielony): włączanie zasilania
 Włączony (pomarańczowy): usterka zasilania
 Włączony (niebieski): wszystkie obszary uzbrojone
 Włączony (czerwony): alarm otwarcia pokryw
 Włączony (czerwony): alarm strefy

Uwaga: Gdy dwa alarmy zostaną zgłoszone równocześnie, najpierw wyświetlany jest alarm otwarcia pokryw.

Przyciski (naciśnięcie)

Uzbrajanie pełne Uzbrajanie selektywne Rozbrajanie Kwerenda

Ustawienia Wyjście ←← Przewinięcie w górę →→ Przewinięcie w dół

Uwaga: Aby uzyskać więcej informacji, zobacz *Polecenia operacji*.

Przycisk (naciśnięcie i przytrzymanie przez trzy sekundy)

Alarm pożarowy Alarm ogólny Alarm medyczny

Brzęczyk

Krótki sygnał dźwiękowy: naciśnięcie przycisku / odczyt tagu
Dwa krótkie sygnały dźwiękowe: powodzenie operacji
Trzy krótkie sygnały dźwiękowe: niepowodzenie operacji
Długi sygnał dźwiękowy: nowa usterka
Dwa długie sygnały dźwiękowe: zalogowanie instalatora / wylogowanie instalatora (mniejsza głośność)
Sygnał gongu: krótki dzwonek drzwiowy
Powtarzane efekty dźwiękowe: alarm pożarowy / medyczny / ogólny, długi dzwonek drzwiowy, zwłoka wejścia/wyjścia, uzbrojenie automatycznie lub rozbrojenie

2 Ustawienia adresu

Przed włączeniem zasilania systemu skonfiguruj adres przy użyciu przełącznika DIP panelu sterowania. Adres powinien należeć do zakresu 0 – 63. Adres każdego panelu sterowania powinien być unikatowy. Podana na diagramie wartość binarna 000111 odpowiada wartości dziesiętnej 7. Oznacza to, że adres panelu sterowania to 7.

3 Połączenia

- A. Połączenia panelu sterowania
- a. Panel sterowania
 - b. Centrala alarmowa
 - c. Połączenia wspólne
 - d. W przypadku ostatniego urządzenia na magistrali Speed-X należy użyć rezystora 120 Ω (w sposób przedstawiony na rysunku).
- B. Połączenia strefy; EOL (End of Line) – terminator
- a. Panel sterowania
 - b. Detektor
 - c. Rezystory do konfiguracji zewnętrznej / rozwierniej / SEOL / DEOL: 1k, 2.2k, 4.7k, 5.6k, 6.8k, 8.2k
 - d. Połączenia konfiguracji TEOL: Rezystor zabezpieczenia antysabotażowego (RT): 1 kΩ

Rezystor alarmu (RA): 1 kΩ

Rezystor usterki/zasilania (RF): 2,2 kΩ

Stan detektora	RT	RA	Moduł radiowy	Rezystancja obwodu
Zabezpieczenie antysabotażowe	Otwarte	Zamknięte	Zamknięte	∞
Stan prawidłowy	Zamknięte	Zamknięte	Zamknięte	1 kΩ
Alarm	Zamknięte	Otwarte	Zamknięte	2 kΩ
Usterka	Zamknięte	Zamknięte	Otwarte	3,2 kΩ
Zasilanie	Zamknięte	Otwarte	Otwarte	4,2 kΩ
Zwarcie obwodu	Końcowa rezystancja całego obwodu wynosi 0 Ω.			

4 Instalacja

5 Polecenia operacji

Zeskanuj kod QR, aby pobrać polecenia operacji przewodowego panelu sterowania.

Specyfikacje

	Przewodowy panel sterowania
Piloty	64
Wbudowany czytnik tagów	Jeden wbudowany czytnik tagów
Złącze szeregowe	Jedno złącze szeregowe TTL
Zabezpieczenie antysabotażowe	Jeden przełącznik zabezpieczenia antysabotażowego pokryw tylny (uszkodzony w przypadku nieautoryzowanego otwarcia)
Brzęczyk	Jeden brzęczyk na płycie
RS-485	Magistrala Speed-X (1 szt.)
Wejścia alarmowe	Dwa wejścia alarmowe na płycie
Wyjścia alarmowe	Jedno wyjście alarmowe na płycie
Zasilanie	12 V DC
Pobór mocy	Pobór spoczynkowy: 0,984 W / zasilanie 12 V DC, 82 mA Maks. pobór mocy: 1,32 W / zasilanie 12 V DC , 110 mA
Częstotliwość radiowa	868 MHz
Przycisk	Przyciski numeryczne: od 0 do 9 Przyciski funkcyjne: kwerenda, uzbrojenie pełne, uzbrojenie selektywne, rozbrojenie, wyjście alarmowe, projekt, w lewo, w prawo; przyciski specjalne: *, #
Ekran wyświetlacza	Ekran LCD
Wskaźnik	Cztery wskaźniki i jedno podświetlenie
Wymiary (szer. x wys. x głęb.)	150 mm × 115 mm × 28 mm
Kolor	Biały
Temperatura (użytkowanie)	Od –10°C do +55°C
Wilgotność (użytkowanie)	Od 10% do 90%

Urządzenie jest zasilane napięciem 12 V przez centrale alarmowe Hikvision AX Hybrid Pro Series (DS-PHA64-LP, DS-PHA48-EP itp.), a wyjście zasilania pomocniczego centrali alarmowej spełnia wymagania dotyczące źródeł zasilania z własnym ograniczeniem (LPS).

ROMÂNĂ

1 Componentă și bip

Indicator
 Verde continuu: Porniți
 Oprit: Oprire
 Portocaliu continuu: Eroare
 Portocaliu intermitent: Notificări în așteptare
 Verde intermitent: Modul Găsește-mă
 Rosu continuu: Alarmă capac deschis
 Rosu intermitent: Alarmă zonă

Notă: Când cele două alarme ale apar în același timp, alarma capacului deschis va fi afișat mai întâi.

Tasta (apăsare scurtă)

Armare distanță Armare cu persoană înăuntru Dezarmat Problemă (Întrebare)

Setări Ieșire ←← Derulați în sus →→ Derulați în jos

Notă: Pentru instrucțiuni specifice, consultați *Comandă de operare*.

Tasta (menținetei apăsat >3s)

Incendiu Panică Medical

Buzer

Un bip scurt: Tonul tastei/etichetă glisată
Două bipuri scurte: Operațiunea a reușit
Trei bipuri scurte: Operațiunea a eșuat
Un bip lung: Eroare nouă
Două bipuri lungi: Instalator conectat/Instalator deconectat (volum mai mic)
Ding-dong o singură dată: Sonerie scurtă
Efecte sonore repetate: Alarmă de incendiu/Alarmă medicală/Alarmă de panică/Sonerie lungă/Intăriere intrare/Intăriere ieșire/Armare sau dezarmare automată

2 Setări adresă

Înainte de a porni sistemul, configurați adresa prin intermediul comutatorului tip DIP. Adresa trebuie să fie în intervalul (de la 0 la 63). Adresa fiecărei tastaturi trebuie să fie unică. Valoarea binară afișată în diagramă este 000111, ceea ce înseamnă că valoarea zecimală este 7. Deci adresa tastaturii este 7.

3 Cablarea

- A. Metoda de cablare taste
- a. Tastatură
 - b. Panou de control
 - c. Cablare comună
 - d. Dacă acest dispozitiv este ultimul dispozitiv de pe magistrala de Speed-X, trebuie să utilizeze o rezistență de 120 Ω (așa cum se arată).
- B. Metoda de cablare a zonei (EOL = Sfârșitul liniei)
- a. Tastatură
 - b. Detektor
 - c. Reziistoare pentru NO/NC/EOL simplu/EOL dublu: 1K, 2.2K, 4.7K, 5.6K, 6.8K, 8.2K
 - d. Metoda de cablare EOL triplă: Rezystor de manipulare (RT): 1 kΩ

Rezystor de alarmă (RA): 1 kΩ

Rezystor de eroare/mascare (RF): 2,2 kΩ

Stare detector	RT	RA	FR	Rezistența circuitului
Modificare	Deschidere	Închidere	Închidere	∞
Normal	Închidere	Închidere	Închidere	1 kΩ
Alarmă	Închidere	Deschidere	Închidere	2 kΩ
Eroare	Închidere	Închidere	Deschidere	3,2 kΩ
Mascare	Închidere	Deschidere	Deschidere	4,2 kΩ
Scurt circuit	Rezistența finală a întregului circuit este 0 Ω.			

4 Instalare

5 Comandă de funcționare

Scanati codul QR pentru a obtine comenzile de operare ale tasturii cu fir.

Specificații

	Tastatură cu fir
Mâner cheie cu telecomandă	64
Cititor de etichete încorporat	1 cititor de etichete încorporat
Port serial	1 port serial TTL
Protecție împotriva accesului ilegal	1 comutator de manipulare a capacului din spate (Va fi deteriorat când este declanșată manipulara)
Sonerie	1 sonerie la bord
RS-485	1 magistrală Speed-X
Intrare alarmă	2 intrări alarmă la bord
Ieșire alarmă	1 ieșire alarmă la bord
Alimentare electrică	C.c. 12 V
Consum de energie	Consum silențios: Sursă de alimentare de 0,984 W @12 VDC cu curent de 82 mA Consum maxim: Sursă de alimentare de 1,32 W @12 VDC cu curent de 110 mA
Frecvență RF	868 MHz
Cheie	Tastă numerică: De la 0 la 9 Taste funcționale: interogare, armare la distanță, armare sedere, dezarmare, ieșire de alarmă, proiect, stânga, dreapta: *, #
Ecran afișare	Ecran LCD
Indicator	4 indicatoare si 1 iluminare de fundal
Dimensiune (L x Î x D)	150 mm × 115 mm × 28 mm
Culoare	Alb
Temperatura de funcționare	De la -10 °C până la 55 °C
Umiditatea de funcționare	De la 10% până la 90%

Dispozitivul este alimentat cu alimentare de 12 V de către panourile de control din seria AX Hybrid Pro (DS-PHA64-LP, DS-PHA48-EP etc.) de la Hikvision, iar puterea auxiliară de ieșire a panoului de control este conformă LPS.

SLOVENČINA

1 Komponent a pípnutie

Indikátor

Neprerušaná zelená: Zapnutie
 Nesvieti: Vypnutie
 Neprerušaná modrá: Všetky oblasti sú aktivované
 Nesvieti: Najmenej jedna oblasť je deaktivovaná

Neprerušaná oranžová: Chyba
 Nesvieti: Normálna
 Blikajúca oranžová: Čakajúce oznámenia
 Blikajúca zelená: Režim Nájdi ma

Neprerušaná červená: Alarm otvoreného veka
 Blikajúca červená: Alarm zóny

Poznámka: Keď sa súčasne zobrazia dva alarmy , ako prvý sa zobrazí alarm otvoreného veka.

Kláves (krátke stlačenie)

Aktivovať pri odchode Aktivovať počas prítomnosti Deaktivovať Zisťovanie

Nastavenia Výstup ←← Posun nahor →→ Posun nadol

Poznámka: Konkrétne pokyny nájdete v časti *Príkazy činností*.

Kláves (podržanie > 3 s)

Požiar Panika Zdravotnícky

Bzučiak

Jedno krátke pípnutie: Tón klávesu/potiahnutie značky
Dve krátke pípnutia: Činnosť bola úspešná
Tri krátke pípnutia: Činnosť zlyhala
Jedno dlhé pípnutie: Nová porucha
Dva dlhé pípnutia: Inštalátor sa prihlásil/Inštalátor sa odhlásil (nižšia hlasitosť)
Jednorazové pípnutie: Krátky zvoneček
Opakované zvukové efekty: Požiarny alarm/Zdravotnícky alarm/Alarm paniky/Dlhý zvoneček/Oneskorenie vstupu/Oneskorenie východu/Automatická aktivácia alebo deaktivácia

2 Nastavenie adresy

Adresu nakonfigurujte pomocou prepínača DIP na klávesnici skôr ako zapnete napájanie systému. Adresa musí byť v rozsahu (0 až 63). Adresa každej klávesnice musí byť jedinečná. Binárna hodnota znázornená na obrázku je 000111, čo znamená, že desiatková hodnota je 7. Teda adresa klávesnice je 7.

3 Zapojenie

- A. Spôsob zapojenia klávesnice
- a. Klávesnica
 - b. Ovládací panel
 - c. Spoločné zapojenie
 - d. Ak je toto zariadenie posledným zariadením na zbernici Speed-X, musí sa použiť rezistor 120 Ω (ako je znázornené).
- B. Spôsob zapojenia zón (EOL = koniec vedenia)
- a. Klávesnica
 - b. Detektor
 - c. Odporníky pre NO/NZ/Jednoduchý EOL/dvojitý EOL: 1 k, 2,2 k, 4,7 k, 5,6 k, 6,8 k, 8,2 k
 - d. Spôsob zapojenia s trojitým EOL: Rezystor zásahu (RT): 1 kΩ

Rezystor alarmu (RA): 1 kΩ

Rezystor poruchy/maskovania (RF): 2,2 kΩ

Stav detektora	RT	RA	RF	Odpor obvodu
Zásah	Otvorené	Zatvoriť	Zatvoriť	∞
Normálna	Zatvoriť	Zatvoriť	Zatvoriť	1 kΩ
Alarm	Zatvoriť	Otvorené	Zatvoriť	2 kΩ
Chyba	Zatvoriť	Zatvoriť	Otvorené	3,2 kΩ
Maskovanie	Zatvoriť	Otvorené	Otvorené	4,2 kΩ
Skrat	Koncový odpor celého obvodu je 0 Ω.			

4 Inštalácia

5 Príkazy činností

Naskenovaním kódu QR získate príkazy činností káblovej klávesnice.

Špecifikácie

	Kábová klávesnica
Diaľkový ovládač	64
Zabudovaná čítačka značiek	1 zabudovaná čítačka značiek
Sériový port	1 sériový port TTL
Zabezpečenie proti neoprávnenej manipulácii	1 prepínač neoprávnenej manipulácie so zadným krytom (poškodi sa, keď sa spustí neoprávnená manipulácia)
Bzučiak	1 zabudovaný bzučiak
RS-485	1 zbernica Speed-X
Vstup alarmu	2 zabudované vstupy alarmu
Výstup alarmu	1 zabudovaný výstup alarmu
Zdroj napájania	DC 12 V
Spotreba energie	Spotreba v pokojovom režime: 0,984 W pri napájaní 12 V DC s prúdom 82 mA Max. spotreba: 1,32 W pri napájaní 12 V DC s prúdom 110 mA
Frekvencia RF	868 MHz
Kľúč	Číselný kláves: 0 až 9 Funkčné klávesy: zisťovanie, aktivácia pri odchode, aktivácia počas prítomnosti, deaktivácia, výstup alarmu, projekcia, vľavo, vpravo Kláves symbolov: *, #
Obrazovka displeja	LCD obrazovka
Indikátor	4 indikátory a 1 podsvietenie
Rozmery (Š x D x H)	150 mm × 115 mm × 28 mm
Farba	Biela
Prevádzková teplota	-10 °C až 55 °C
Prevádzková vlhkosť	10 % až 90 %

Zariadenie je napájané 12 V z ovládacích panelov AX Hybrid Pro (DS-PHA64-LP, DS-PHA48-EP atď.) spoločnosti Hikvision a výstup pomocného napájania ovládacieho panela je v súlade s LPS.

ΕΛΛΗΝΙΚΑ

1 Εξάρτητα και ηχητικό σήμα

Ενδεικτική λυχνία

Σταθερό πράσινο: Ενεργοποίηση
 Σβηστή: Απενεργοποίηση

Σταθερό μπλε: Όλες οι περιοχές οπλισμένες

Σταθερό κόκκινο: Συναγερμός ανοικτού περιβάλλοντος

Αναβοσβήνει πράσινο: Λειτουργία εύρεσης

Αναβοσβήνει κόκκινο: Συναγερμός ζώνης

Σημείωση: Όταν οι δύο συναγερμοί εμφανιστούν ταυτόχρονα, θα εμφανιστεί πρώτος ο συναγερμός ανοικτού περιβάλλοντος.

Πλήκτρο (σύντομο πάτημα)

Οπλισμός Away Οπλισμός Stay (εντός χώρου) Αφσπλισμός Ερώτηση

Ρυθμίσεις Έξοδος ←← Κύλιση προς τα πάνω →→ Κύλιση προς τα κάτω

Σημείωση: Για συγκεκριμένες οδηγίες, ανατρέξτε στην ενότητα *Εντολή Λειτουργίας*.

Πλήκτρο (κρατάτε για >3 δευ.)

Φωτιά Πανικός Ιατρικά

Βομβητής

Ένα σύντομο ηχητικό σήμα: Ήχος πλήκτρων/σαρωμένη ετικέτα
Δύο σύντομα ηχητικά σήματα: Η λειτουργία πέτυχε
Τρία σύντομα ηχητικά σήματα: Η λειτουργία απέτυχε
Ένα μακρό ηχητικό σήμα: Νέα βλάβη
Δύο μακρά ηχητικά σήματα: Ο τεχνικός εγκατάστασης έχει συνδεθεί/Ο τεχνικός εγκατάστασης έχει αποσυνδεθεί (χαμηλότερη ένταση)
Εφάπαξ κουδούνισμα: Σύστημα κουδούνι πόρτας
Επαναλαμβανόμενα ηχητικά εφέ: Συναγερμός πυρκαγιάς/Ιατρικός συναγερμός/Συναγερμός πανικού/Μακρό κουδούνι πόρτας/Καθυστερήση εισόδου/Καθυστερήση εξόδου/Αυτόματη όπλιση ή αφόπλιση

2 Ρυθμίσεις διεύθυνσης

Διαμορφώστε τη διεύθυνση μέσω του διακόπτη DIP στο πληκτρολόγιο πριν ενεργοποιήσετε το σύστημα. Η διεύθυνση θα πρέπει να είναι εντός του εύρους (0 έως 63). Η διεύθυνση κάθε πληκτρολογίου πρέπει να είναι μοναδική. Η δυαδική τιμή που εμφανίζεται στο διάγραμμα είναι 000111, επομένως η δεκαδική τιμή είναι 7.

Επομένως, η διεύθυνση του πληκτρολογίου είναι 7.

3 Καλωδίωση

- A. Μέθοδος καλωδίωσης πληκτρολογίου
- α. Πληκτρολόγιο
 - β. Πίνακας ελέγχου
 - γ. Κοινή καλωδίωση
 - d. Εάν αυτή η συσκευή είναι η τελευταία συσκευή στον δίαυλο Speed-X, πρέπει να χρησιμοποιήσετε μια αντίσταση 120 Ω (όπως φαίνεται στην εικόνα).
- B. Μέθοδος καλωδίωσης ζώνης (EOL=τέλος γραμμής)
- α. Πληκτρολόγιο
 - β. Αναγνευτής
 - γ. Αντιστάσεις για NO/NC/Μονό EOL/Διπλό EOL: 1K, 2,2K, 4,7K, 5,6K, 6,8K, 8,2K
 - d. Μέθοδος καλωδίωσης τριπλού EOL: Αντίσταση παραποίησης (RT): 1 kΩ

Αντίσταση συναγερμού (RA): 1 kΩ

Αντίσταση οφάλλματος/μάσκας (RF): 2,2 kΩ

Κατάσταση ανιχνευτή	RT	RA	RF	Αντίσταση κυκλώματος
Παραποίηση	Ανοιχτή	Κλειστή	Κλειστή	∞
Κανονικά	Κλειστή	Κλειστή	Κλειστή	1 kΩ
Συναγερμός	Κλειστή	Ανοιχτή	Κλειστή	2 kΩ
Βλάβη	Κλειστή	Κλειστή	Ανοιχτή	3,2 kΩ
Μάσκα	Κλειστή	Ανοιχτή	Ανοιχτή	4,2 kΩ
Βραχυκύκλωμα	Η τελική αντίσταση ολόκληρου του κυκλώματος είναι 0 Ω.			

4 Εγκατάσταση

5 Εντολή λειτουργίας

Σαρώστε τον κωδικό QR για να λάβετε τις εντολές λειτουργίας του ενσύρματου πληκτρολογίου.

Προδιαγραφές

	Ενσύρματο πληκτρολόγιο
Ασύρματο κλειδί	64
Ενσωματωμένη συσκευή ανάγνωσης ετικετών	1 ενσωματωμένη συσκευή ανάγνωσης ετικετών
Σειριακή θύρα	1 σειριακή θύρα TTL
Προστασία από παραποίηση	1 διακόπτης με προστασία παραβίασης πίσω καλύμματος (Θα υποστεί ζημιά όταν ενεργοποιηθεί λόγω παραβίασης)
Βομβητής	1 βομβητής επί της συσκευής
RS-485	1 δίαυλος Speed-X
Είσοδος συναγερμού	2 εισοδοι συναγερμού επί συσκευής
Έξοδος συναγερμού	1 έξοδος συναγερμού επί συσκευής

УКРАЇНСЬКА

1 Компоненти й звукові сигнали

 Немиглюливий зелений: живлення увімкнено Вимк.: живлення вимкнено	 Немиглюливий зелений: живлення увімкнено Вимк.: живлення вимкнено
 Немиглюливий синій: усі зони поставлено на охорону Вимк.: прийняйми одну зону не поставлено на охорону	 Немиглюливий червоний: тривога через відкриття кришки Миглюливий червоний: тривога в зоні виявлення

Примітка: якщо одночасно генерується два сигнали тривоги, спершу відобразатиметься тривога через відкриття кришки.

Кнопки (короткочасне натискання)

 Постановка на охорону без людей на об'єкті	 Постановка на охорону з людьми на об'єкті	 Зняття з охорони	 Запит
 Налаштування	 Вихід	 Прокрутити вгору	 Прокрутити вниз

Примітка: більш детальні інструкції містяться в розділі *«Команди управління»*.

Кнопки (утримувати >3 с)

 Пожежа	 Тривога	 Медична тривога
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Зумер

Один короткий звуковий сигнал: сигнал натискання кнопки/сканування мітки
Два коротких звукових сигнали: операцію виконано
Три коротких звукових сигнали: не вдалося виконати операцію
Один довгий звуковий сигнал: нова несправність
Два довгих звукових сигнали: установник увійшов/установник вийшов (менша гучність)
Один дзвінок: короткий дзвінок у двері
Повторення звукових сигналів: пожежна тривога/медична тривога/екстрена тривога/довгий дзвінок у двері/затримка під час входу/затримка під час виходу/автоматична постановка чи зняття з охорони

2 Налаштування адреси

Перед увімкненням системи здійснити налаштування адреси клавіатури за допомогою DIP-перемикача. Адреса повинна мати значення у діапазоні 0 – 63. Адреса кожної клавіатури повинна бути унікальною. Двійкове значення, показане на рисунку, дорівнює 00001111; це означає, що десяткове значення дорівнює 7. Тож адреса клавіатури – 7.

3 Під’єднання кабелів

- Спосіб підключення клавіатури
 - Клавіатура
 - Панель управління
 - Загальне підключення

д. Якщо цей пристрій є останнім пристроєм шини *Speed-X*, необхідно використовувати резистор 120 Ом (як показано).
- Спосіб підключення зони (EOL = з кінцевим резистором)
 - клавіатура
 - Датчик

с. Резистори для НВ/НЗ/Одинарний EOL/Подвійний EOL: 1K, 2,2K, 4,7K, 5,6K, 6,8K, 8,2K
- Спосіб підключення потрійного EOL: Резистор пошкодження (RT): 1 кОм
Резистор сигналізації (RA): 1 кОм
Резистор збою/маскування (RF): 2,2 кОм

Статус датчика	RT	RA	Радіоканал	Опір контуру
Пошкодження	Розімкнене	Замкнене	Замкнене	∞
нормальний режим	Замкнене	Замкнене	Замкнене	1 кОм
Тривога	Замкнене	Розімкнене	Замкнене	2 кОм
несправність	Замкнене	Розімкнене	Розімкнене	3,2 кОм
Маскування	Замкнене	Розімкнене	Розімкнене	4,2 кОм
Коротке замикання				Залишковий опір всього контуру складає 0 Ом.

4 Установлення

5 Команди управління

Щоб отримати інформацію про команди управління дотової клавіатури, відскануйте QR-код.

Технічні характеристики

Дротова клавіатура	
Брелок дистанційного керування	64
Вбудований зчитувач міток	1 вбудований зчитувач міток
Послідовний порт	1 послідовний порт TTL
Захист від пошкодження	1 реле захисту від пошкодження задньої кришки (буде пошкоджене в разі спроби несанкціонованого доступу)
Зумер	1 вбудований зумер
RS-485	1 шина Speed-X
Тривожний вхід	2 вбудованих входи сигналу тривоги
Тривожний вихід	1 вбудований вихід сигналу тривоги
Живлення	12 В постійного струму
Споживання електроенергії	Енергоспоживання у стані спокою: 0,984 Вт за умови живлення 12 В постійного струму й сили струму 82 mA Максимальне енергоспоживання: 1,32 Вт за умови живлення 12 В постійного струму й сили струму 110 mA
Частота радіохвиль	868 МГц
Кнопки	Цифрові кнопки: від 0 до 9 Функціональні кнопки: запит, постановка на охорону без людей на об'єкті, постановка на охорону з людьми на об'єкті, зняття з охорони, вихід сигналу тривоги, проект, ліворуч, праворуч, кнопки з символами: *, #
Екран дисплея	РК-екран
Індикатор	4 індикатори й 1 пристрій підсвічування
Розміри (Ш x В x Г)	150 mm × 115 mm × 28 mm
Колір	білий
Робоча температура	Від -10 °C до 55 °C
Робоча вологість повітря	Від 10% до 90%

Живлення пристрою (12 В постійного струму) здійснюється від панелей управління серії AX Hybrid Pro (DS-PHA64-LP, DS-PHA48-EP і т.д.) виробництва Hikvision. Допоміжний вихід живлення панелі управління відповідає вимогам до джерел живлення обмеженої потужності (LPS).

SLOVENŠČINA

1 Komponenta in pisk

 Gori zelena: Vkllop Izklopljeno: Izklop	 Gori oranžna: Napaka Izklopljeno: Normalno Utripajoča oranžna: Čakajoča obvestila Zelena utripa: način iskanja
 Gori modra: Vsa področja vklopljena Izklopljeno: Vsaj eno območje je izklopljeno	 Gori rdeča: Alarm odprtega pokrova Rdeča utripa: Alarm cone

Opomba: Ko se oba alarma pojavita hkrati, se najprej prikaže alarm odprtega pokrova.

Tipka (kratek pritisk)

 Aktiviranje ob odhodu	 Aktiviranje, ko ste doma	 Deaktivirano	 Poizvedba
 Nastavitve	 Izhod	 Pomik navzgor	 Pomik navzdol

Opomba: Za posebna navodila glejte *Operacijski ukaz*.

Tipka (držite >3 s)

 Ogenj	 Panika	 Medicinski
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Brenčalo

En kratek pisk: Zvok tipk/potegnjena oznaka
Dva kratka piska: Funkcija uspeła
Trije kratki piski: Operacija ni uspeła
En dolg pisk: Nova napaka
Dva dolga piska: Monter prijavljen/monter objavljen (nižja glasnost)
Enkratni zvonec: Kratek zvonec
Ponavljajoči se zvocni učinki: Požarni alarm/medicinski alarm/panični alarm/dolg zvonec/zakasnitev pri vstopu/zakasnitev pri izhodu/samodejna vklop ali razorožitve

2 Nastavitve naslova

Pred vklopom sistema z DIP-stikalom tipkovnice konfigurirajte naslov. Naslov mora biti znotraj razpona (0 do 63). Naslov vsake tipkovnice mora biti edinstven. Binarna vrednost, prikazana v diagramu, je 000111, kar pomeni, da je decimalna vrednost 7.

3 Povezovanje

- Način povezovanja tipkovnice
 - Tipkovnica
 - Nadzorna plošča
 - Skupno ožičenje
 - Ce je ta naprava zadnja naprava na vodilu speed-X, mora uporabiti upor 120 Ω (kot je prikazano).
- Metoda ožičenja cone (EOL=konec vrstice)
 - Tipkovnica
 - Detektor
- Uporniki za NO/NC/enojni EOL/dvojni EOL: 1K, 2,2K, 4,7K, 5,6K, 6,8K, 8,2K
- Trojni EOL način ožičenja: Upornik pred nedovoljenim poseganjem (RT): 1kΩ
Upornik za alarm (RA): 1kΩ
Upornik za napake/zakrivanje (RF): 2.2kΩ

Status detektorja	RT	RA	RF	Upor vezja
Nedovoljeno poseganje	Odpрто	Zaprто	Zaprто	∞
Normalno	Zaprто	Zaprто	Zaprто	1KΩ
Alarm	Zaprто	Odpрто	Zaprто	2KΩ
Napaka	Zaprто	Zaprто	Odpрто	3.2KΩ
Zakrivanje	Zaprто	Odpрто	Odpрто	4.2KΩ
Kratki stik		Končni upor celotnega vezja je 0Ω.		

4 Namestitev

5 Opraviłni ukazi

Skenirajte kodo QR, da dobite ukaze za delovanje žične tipkovnice.

Tehnični podatki

Žična tipkovnica	
Kodirni ključ	64
Vgrajen bralnik oznak	1 vgrajen bralnik oznak
Serijska vrata	1 serijska vrata TTL
Zaščita pred nedovoljenim poseganjem	1 stikalo za poseg na zadnjem pokrovu (bo poškodovano, ko se sproži poseg)
Brenčalo	1 brenčalo na vozilu
RS-485	1 vodilo Speed-X
Vhod alarma	2 vhoda za vgrajeni alarm
Izhod alarma	1 vgrajen alarmni izhod
Napajanje	DC 12 V
	Poraba v mirovanju: 0,984 W @12 VDC napajalnik s tokom 82 mA Max poraba: 1,32 W @12 VDC napajalnik s tokom 110 mA
RF-frekvenca	868 MHz
Ključ	Numerična tipka: 0 do 9 Funkcijske tipke: poizvedba, proč aram, ostani v roki, razoroži, izhod alarma, projekt, levo, desno Simbolični ključ: *, #
Zaslon	LCD-zaslon
Indikator	4 indikatorji in 1 osvetlitev ozadja
Dimenzije (Š x V x G)	150 mm x 115 mm x 28 mm
Barva	Bela
Operativna temperatura	Od -10 °C do 55 °C
Operativna vlažnost	od 10 do 90 %

Napravo napajajo 12 V kontrolne plošče serije AX Hybrid Pro (DS-PHA64-LP, DS-PHA48-EP, itd.) podjetja Hikvision, pomožna izhodna moč nadzorne plošče pa je skladna z LPS.

SRPSKI

1 Komponenta i zvučni signal

 Sija zeleno: Uključeno Isključiti: Isključeno	 Sija narandžasto: Greška Isključiti: Normalno Treperi narandžasto: Obaveštenja na čekanju Treperi zeleno: Režim pretrage
 Sija plavo: Sve oblasti su aktivirane Isključiti: Bar jedna oblast je deaktivirana	 Sija crveno: Alarm za podignuti poklopac Treperi crveno: Alarm zone

Napomena: Kad se dva alarma pojave istovremeno, najpre će biti prikazan alarm za podignuti poklopac.

Taster (kratko pritisnite)

 Alarm za boravak van kuće	 Alarm za ostanak kod kuće	 Deaktiviraj	 Upit
 Podešavanja	 Izlaz	 Listaj nagore	 Listaj nadole

Napomena: Za posebna uputstva, pogledajte odeljak *Radna komanda*.

Taster (držite > 3 s)

 Požar	 Uzbuna	 Medicinski
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Zvučni signal

Jedan kratki zvučni signal: Zvuk tastera/Prevučena oznaka
Dva kratka zvučna signala: Radnja je uspeła
Tri kratka zvučna signala: Radnja nije uspeła
Jedan dugi zvučni signal: Nova greška
Dva duga zvučna signala: Instalater je prijavljen/Instalater je objavljen (tiši zvuk)
Jedan ding-dong: Kratko zvonce na vratima
Zvučni efekti koji se ponavljaju: Alarm za požar/Medicinski alarm/Alarm za uzbunu/Dugo zvonce na vratima/Kašnjenje pri ulasku/Kašnjenje pri izlasku/Automatsko aktiviranje ili deaktiviranje

2 Podešavanja adrese

Konfigurirate adresu preko DIP prekidača na tastaturi pre podizanja sistema. Adresa mora biti u opsegu (od 0 do 63). Adresa svake tastature mora biti jedinstvena. Binarna vrednost prikazana u dijagramu je 000111, što znači da je decimalna vrednost 7.

To znači da je adresa tastature 7.

3 Povezivanje instalacija

- Metod povezivanja tastature 3EOL
 - Tastatura
 - Kontrolni panel
 - Uobičajeno povezivanje instalacija
 - Ako je ovaj uređaj poslednji uređaj na Speed-X magistrali, treba da koristi otpornik od 120 Ω (kako je prikazano).
- Metod ožičenja zone (EOL=kraj linije)
 - Tastatura
 - Detektor
- Otpornici za NO/NC/Jedan EOL/Dupli EOL: 1K, 2,2K, 4,7K, 5,6K, 6,8K, 8,2K
- Metoda ožičenja za trostruki EOL: Otpornik za neovlašćene izmene (RT): 1 kΩ
Otpornik za alarm (RA): 1 kΩ
Otpornik za kvar/maskiranje (RF): 2,2 kΩ

Status detektora	RT	RA	RF	Otpor kola
Prekidač	Otvoren	Zatvoren	Zatvoren	∞
Normalno	Zatvoren	Zatvoren	Zatvoren	1 kΩ
Alarm	Zatvoren	Otvoren	Zatvoren	2 kΩ
Greška	Zatvoren	Zatvoren	Otvoren	3,2 kΩ
Maskiranje	Zatvoren	Otvoren	Otvoren	4,2 kΩ
Kratak spoj		Krajnji otpor celog kola je 0 Ω.		

4 Instalacija

5 Radna komanda

Skenirajte QR kôd da biste dobili radne komande žične tastature.

Specifikacija

Žična tastatura	
Privezak	64
Ugrađeni čitač oznaka	1 ugrađeni čitač oznaka
Serijski priključak	1 TTL serijski priključak
Otpornost na neovlašćene izmene	1 prekidač za zaštitu od neovlašćenih izmena na poleđini (ošteti se kad ga aktivira neovlašćena izmena)
Zvučni signal	1 zujalica na štampanoj ploči
RS-485	1 Speed-X magistrala
Ulaz za alarm	2 ulaza alarma na štampanoj ploči
Izlaz alarma	1 izlaz alarma na štampanoj ploči
Napajanje	DC 12 V
	Potrošnja u stanju mirovanja: Napajanje od 0,984 W @12 VDC sa strujom od 82 mA Maksimalna potrošnja: Napajanje od 1,32 W @12 VDC sa strujom od 110 mA
RF frekvencija	868 MHz
	Numerički taster: od 0 do 9 Funkcijski taster: upit, aktiviranje boravka van kuće, aktiviranje ostanka kod kuće, deaktiviranje, izlaz alarma, projektovanje, levo, desno Simbolički taster: *, #
Ekran za prikaz	LCD ekran
Indikator	4 indikatora i 1 pozadinsko svetlo
Dimenzija (Š x V x D)	150 mm x 115 mm x 28 mm
Boja	Bela
Radna temperatura	Od -10 °C do 55 °C
Radna vlažnost	Od 10% do 90%

Uređaj se napaja strujom od 12 V preko Hikvisionovih kontrolnih panela serije AX Hybrid Pro Series (DS-PHA64-LP, DS-PHA48-EP, itd.) a pomoćni strujni izlaz kontrolnog panela u saglasnosti je sa LPS-om.

NORSK

1 Komponent og pip

 Jevnt grønn: Slå på Av: Skru av	 Fast oransje: Feil Av: Normal Blinkende oransje: Ventende varsler Blinker grønt: Finn meg-modus
 Fast blå: Alle områder armert Av: Minst ett område armert	 Jevnt rød: Alarm ved åpning av lodd Blinker rød: Sonealarm

Merk: Når de to alarmene til vises samtidig, vises alarmen for åpnet lodd først.

Knapp (kort trykk)

 Helsikring	 Delsikring	 Desarmere	 Søk
 Innstillinger	 Output	 Bla opp	 Bla ned

Merk: Se *Operasjonskommando* for spesifikke instruksjoner.

Knapp (hold > 3 s)

 Brann	 Panikk	 Medisinsk
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Summer

Ett kort pip: Tastetone / sveipet brikke
To korte pip: Operasjonen lyktes
Tre korte pip: Handling mislyktes
Ett langt pip: Ny feil
To lange pip: Installatør pålogget / installatør logget av (lavere volum)
Engangs ding-dong: Kort ringeklokke
Gjentatte lydeffekter: Brannalarm / medisinsk alarm / panikkalarm / lang ringeklokke / inngangsforsinkelse / utgangsforsinkelse / automatisk til- eller frakobling

2 Adresseinnstillinger

Konfigurer adressen via DIP-bryteren på tastaturet før du slår på systemet. Adressen må være i området (0 til 63). Adressen til hvert tastatur må være unik. Den binære verdien vist i diagrammet er 000111, som betyr at desimalverdien er 7. Dermed er adressen til tastaturet 7.

3 Tilkobling

- Tastaturkablingsmetode
 - Tastatur
 - Kontrollpanel
 - Vanlig kabling
 - Hvis denne enheten er den siste enheten på Speed-X-bussen, må den bruke en 120 Ω motstand (som vist).
- Sonekablingsmetode (EOL=End of Line)
 - Tastatur
 - Detektor
 - Resistorer for NO / NC / enkel EOL / dobbel EOL: 1K, 2,2 K, 4,7 K, 5,6 K, 6,8 K, 8,2 K
 - Trippel EOL kablingsmetode: Sabotasjemotstand (RT): 1 kΩ
Alarmmotstand (RA): 1 kΩ
Feil-/maskeringsmotstand (RF): 2,2 kΩ

Detektorstatus	RT	RA	RF	Kretsmotstand
Sabotasje	Åpne	Stenge	Stenge	∞
Normal	Stenge	Stenge	Stenge	1 kΩ
Alarm	Stenge	Åpne	Stenge	2 kΩ
Feil	Stenge	Stenge	Åpne	3,2 kΩ
Maskering	Stenge	Åpne	Åpne	4,2 kΩ
Kortslutning		Sluttmotstanden til hele kretsen er 0 Ω.		

4 Installasjon

5 Betjeningskommando

Skann QR-koden for å få driftskommandoer for kablet tastatur.

Spesifikasjon

Kablet tastatur	
Nøkkellenke	64
Innebygget brikkeleser	1 innebygget brikkeleser
Seriell port	1 TTL-serieport
Sabotasjesikker	1 sabotasjebryter på bakdekselet (vil bli skadet dersom sabotasje utløses)
Summer	1 innebygget summer
RS-485	1 Speed-X bus
Alarminngang	2 innebygde alarminnganger
Alarmutgang	1 innebygd alarmutgang
Strømforsyning	DC 12 V
	Strømforbruk: 0,984 W @12 VDC-strømforsyning med 82 mA-strøm Maks forbruk: 1,32 W @12 VDC-strømforsyning med 110 mA-strøm
RF-frekvens	868 MHz
	Numerisk tast: 0 til 9 Funksjonstast: spørring, bortearmert, delarmert, deaktiver, alarmutgang, prosjekt, venstre, høyre symboltast: *, #
Skjerm	LCD-skjerm
Indikator	4 indikatorer og 1 bakgrunnsbelysning
Mål (B x H x D)	150 mm x 115 mm x 28 mm
Farge	Hvit
Driftstemperatur	-10 °C til 55 °C
Driftsluftfuktighet	10% til 90%

Enheten forsynes med 12 V-strøm fra AX Hybrid Pro Serie-kontrollpaneler (DS-PHA64-LP, DS-PHA48-EP osv.) fra Hikvision, og hjelpeeffekten til kontrollpanelet samsvarer med LPS.

עברית

1 רכיב וצפצוף

 מחון	 כחום קבוע: תקלה כבוי: תקין כחום מהבהב: הודעות ממתינות ירוק מהבהב: מצב "מצא אותי"
 כחול קבוע: כל האזורים חמושים כבוי: לפחות אחד מנוטרי	 אדום קבוע: התראת מכסה פתוח אדום מהבהב: התראה אזורית

הערה: כאשר שתי התראות של מפיעות בו זמנית, אזעקת מכסה פתוח תוצג ראשונה.

מקש (לחיצה קצרה)

 חמוש מרחוק	 השאר חמוש	
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Kako biste spriječili ozljede, opremu je potrebno sigurno pričvrstiti na zid u skladu s uputama za postavljanje.
Dodatna sila treba biti jednaka trostrukoj težini opreme, ali ne manja od 50 N. Tijekom postavljanja oprema i povezana sredstva za postavljanje trebaju ostati sigurni. Nakon postavljanja oprema i sve povezane priključne ploče ne smiju biti oštećeni.

⚠️ позначає позитивну клему(и) обладнання, що використовує постійний струм чи генерує його. - позначає негативну клему(и) обладнання, що використовує постійний струм чи генерує його. Забороняється розмішувати на обладнанні джерела відкритого вогню, як-от свічки, які горять.
Регістраційний лист бланк надано виконавцям/створено на майданчику.

Dodatna sila mora biti enaka trikratni teži opreme, vendar ne manjša od 50 N. Poskrbite, da med namestitvijo opreme in priloženih vgradnih pripomočkov. Po končani namestitvi pazite, da ne poškodujete opreme in morebitne vgradne plošče.

Dodatna sila treba da bude jednaka trostrukoj težini opreme, ali ne manja od 50 N. Oprema i odgovarajući pribor za postavljanje treba da budu pričvršćeni tokom postavljanja. Posle postavljanja, oprema i ploča za

KNYTTET TIL KJERNEVÅPEN ELLER UTRYGG BRUK AV KJERNEFYSISK MATERIALE ELLER I FORBINDELSE MED BRUDO PÅ MENNESKERETTIGHETENE. HVIS DET OPPSTÅR KONFLIKTER MELLOM BRUKERHÅNDBOKEN OG GJELDENDE LOVVERK, ER DET SISTNEVNTE SOM GJELDER.

For mer informasjon, se www.recyclethis.info.

Monter utstyret i henhold til instruksjonene i denne håndboken.

במקרה של התנגשות בין המדרץ הזה לבין החוק הישנים, האחרון עובר.

חומרים, כגון קדמיום (Cd), עופרת (Pb), ארסן (As) וכו' אשר נמצאים במיני פלסטיק מסוימים, עלולים להוות סיכון לבריאות האדם. למידע נוסף, לחצו על הקישור www.recyclethis.info.

היצאה הטורית של הניד מועדת לניש שגילת בלבד.
התקן את הצד על פי ההוראות במדריך זה.

ТОЧНО ВИЕ НОСИТЕ ОТГОВОРНОСТ ЗА УПОТРЕБАТА НА ТОВА ПРОДУКТ ПО НАЧИН, КОИТО НЕ НАРУШАВА ПРАВЛАТА НА ТРЕТИ СТРАНИ, ВКЛУЧИТЕЛНО И БЕЗ ОГРАНИЧЕНИЕ, ПРАВО НА ПУБЛИЧНОСТ, ПРАВО НА ИНТЕЛЕКТУАЛНА СОБСТВЕНОСТ ИЛИ ЗАЩИТА НА ДАННИТЕ И ДРУГИ ПРАВА ЗА ПОВЕРЛИВОСТ. НЕ ТРЕБВА ДА ИЗПОЛЗВАТЕ ТОЗИ ПРОДУКТ ЗА НЕЗАКОНЕН ЛОВ НА ЖИВОТНИ, НАРУШАВАНЕ НА ПОВЕРЛИВОСТТА ИЛИ ДРУГА ЦЕЛ, КОЯТО Е НЕЗАКОННА ИЛИ ВРЕДИ НА ОБЩЕСТВЕНИЯ ИНТЕРЕС. НЕ ТРЕБВА ДА ИЗПОЛЗВАТЕ ТОЗИ ПРОДУКТ ЗА НИКАКВИ ЗАБРАНЕНИ ДЕЙНОСТИ, ВКЛУЧИТЕЛНО РАЗРАБОТВАНЕ ИЛИ ПРОИЗВОДСТВО НА

ВНЕШНЕГО

2006/66/ЕС (Директива относно батериите): Този продукт съдържа батерия, която не може да бъде изхвърляна заедно с битовите отпадъци в Европейския съюз. Вижте документацията на продукта за повече информация относно батерията. Батерията е отбелязана с този символ, който може да е придружен от букви, обозначаващи кадмий (Cd), олово (Pb) или живак (Hg). За да бъде рециклирана правилно, тази

 При употребата на този продукт трябва да спазвате стриктно съответните национални или местни правила за електрическа безопасност. В близост до оборудването трябва да бъде осигурен леснодостъпен електрически контакт.

За да предотвратите нараняване, оборудването трябва да бъде здраво монтирано на стена в съответствие с инструкциите за монтаж.

допълнителната сила трябва да е равна на третият тегло на оборудването, но не по-малко от 500 N. При извършване на монтажа оборудването и свързаните с него монтажни елементи трябва да бъдат в изправно състояние. След монтажа оборудването и свързаната с него монтажна плоча не трябва да имат повреди.

[illegible]

2006/66/EC (ketentuan baterai): Produk ini berisi baterai yang tidak boleh dibuang sebagai sampah umum yang tidak disortir di wilayah Uni Eropa. Lihat dokumentasi produk untuk informasi spesifik tentang baterai. Baterai

PERHATIAN

 Selama menggunakan produk ini, Anda harus sepenuhnya mematuhi peraturan keselamatan kelistrikan dari pemerintah.

Pasang peralatan sesuai petunjuk di dalam manual ini.

[illegible]

English

1 Appearance

1. Indicator
- Slowly flashing light green: Waiting for enrollment
 - Green and orange quickly flashing alternately: Enrolling
 - Solid orange: Enrolling failed/Fault (Disconnected)
 - Flashing green: Find me mode
 - Quickly flashing orange: Alarm
2. Tamper Button 3. Wiring Terminal 4. DIP Switch

2 Installation

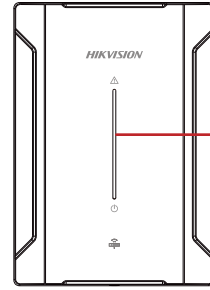
3 Wiring

4 Address Settings

Configure the address via DIP switch of the receiver before powering on the system. The address should be in the range (0 to 63). The address of each receiver should be unique. The binary value shown in the diagram is 000011, which means the decimal value is 3, so the address of the module is 3.

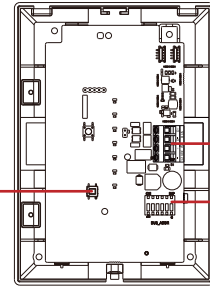
Specification	
Bus	1 Speed-X bus
Power supply	9 to 28 VDC, 1 A
Power consumption	Maximum current 100 mA@12 VDC; Quiescent current 40 mA@12 VDC
RF frequency	868 MHz
Wireless security	Frequency Hopping 128 AES Encryption
LED Indicator	Green: Power/Find me Orange: Alarm/Fault
Dimension (W × H × D)	110 mm × 155 mm × 32 mm
Shell material	Plastic
Weight	225 g
Operation temperature	-10 °C to 40 °C
Operation humidity	10% to 90%
Alarm input	Up to 32 wireless detectors (portable emergency button is not included)
Wireless sounder	Up to 4 wireless indoor sounder, 8 wireless outdoor sounder

1

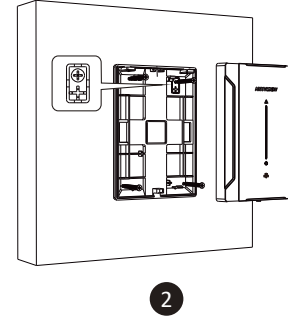
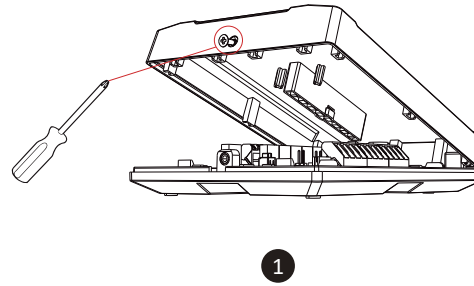


2

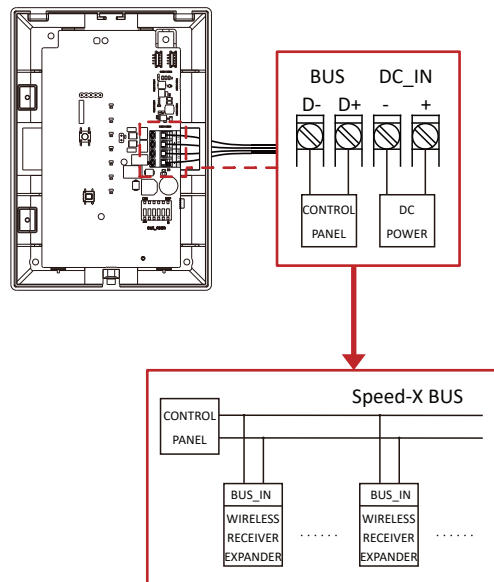
2



1	Indicator
2	Tamper Button
3	Wiring Terminal
4	DIP Switch



3



4



BIN	Address	BIN	Address
000000	0	111000	56
000001	1	111001	57
000010	2	111010	58
000011	3	111011	59
000100	4	111100	60
000101	5	111101	61
000110	6	111110	62
000111	7	111111	63

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About this Manual
The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information herein are for description and explanation only. The information contained in the Manual is subject to change without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

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This product and, if applicable, the supplied accessories too are marked with "CE" and comply therewith with the applicable harmonized European standards listed under the Directive 2014/53/EU (RED), Directive 2014/30/EU (EMC), Directive 2014/35/EU (LVD), Directive 2011/65/EU (RoHS).

2012/18/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recycleit.info

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recycleit.info

ELECTRIC CAUTION
- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
- Shock hazard! Disconnect all power sources before maintenance.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Ensure correct wiring of the terminals for connection to an AC mains supply.
- The equipment has been designed, when required, modified for connection to an IT power distribution system.

BATTERY CAUTION
1. This equipment is not suitable for use in locations where children are likely to be present.
2. CAUTION: Risk of explosion if the battery is replaced by an incorrect type.
3. Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).
4. Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.
5. Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas.
6. Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
7. Dispose of used batteries according to the instructions.

1. Risk of explosion if the battery is replaced by an incorrect type.
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5. Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.
6. Dispose of used batteries according to the instructions.

1. Identifies the positive terminal(s) of equipment which is used with, or generates direct current. 2. Identifies the negative terminal(s) of equipment which is used with, or generates direct current.

FIRE CAUTION
- This equipment is suitable for mounting on concrete or other non-combustible surface only.
- The serial port of the equipment is used for debugging only.

INSTALLATION CAUTION
- This equipment is not suitable for use in locations where children are likely to be present.
- Keep the equipment vertically down when moving or using it.

1. Install the equipment according to the instructions in this manual.
2. To prevent injury, this equipment must be securely attached to the floor/wall in accordance with the installation instructions.

Français

- 1 Apparence**
- Lumière verte clignotant lentement : en attente d'inscription

Vert fixe : inscrit

Orange clignotant rapidement : Alarme

Vert et orange clignotant rapidement et alternativement : d'inscription

Orange fixe : échec de l'inscription/défaut (déconnecté)

Vert clignotant : « vous trouvez-moi »

Bouton antisabotage

Microcommutateur

Borne de câblage
- 2 Installation**
- 3 Câblage**
- 4 Paramètres d'adresse**

Configurez l'adresse à l'aide du microcommutateur du récepteur avant de mettre le système sous tension. L'adresse doit être comprise entre 0 et 63. L'adresse de chaque récepteur doit être unique. La valeur binaire indiquée dans le diagramme est 000011, ce qui correspond à une valeur décimale de 3, par conséquent l'adresse du module est 3.

Spécification	
Bus	1 bus Speed-X
Alimentation électrique	9 à 28 V CC, 1 A
Consommation électrique	Courant maximal : 100 mA à 12 V CC ; Courant de repos : 40 mA à 12 V CC
Fréquence RF	868 MHz
Sécurité sans fil	Saut de fréquence AES 128 bits Cryptage
Voyant lumineux	Vert : allumé/mode « trouvez-moi » Orange : alarme/défaillance
Dimensions (L x H x P)	110 x 155 x 32 mm
Matériau du boîtier	Plastique
Poids	225 g
Température de fonctionnement	-10 à 40 °C
Humidité de fonctionnement	10 à 90 %
Entrée d'alarme	Jusqu'à 32 détecteurs sans fil (le bouton d'urgence portable n'est pas inclus)
Sirène sans fil	Jusqu'à 4 sirènes intérieures sans fil, 8 sirènes extérieures sans fil

Русский

- 1 Внешний вид**
- Медленное мигает зеленым цветом: Ожидание регистрации

Постоянно светится зеленым: Регистрация выполнена

Быстро мигает оранжевым: Сигнализация

Почередно быстро мигает зеленым и оранжевым: Выполняется регистрация

Непрерывно светится оранжевым цветом: Регистрация не удалась/ошибка (отсоединение)

Мигает зеленым цветом: режим «найди меня»

Кнопка взлома

Клеммная колодка

DIP-переключатель
- 2 Установка**
- 3 Подключение кабелей**
- 4 Настройки адреса**

Перед включением системы выполните настройку адреса при помощи DIP-переключателя приемника. Адрес должен находиться в диапазоне (от 0 до 63). Адрес каждого приемника должен быть уникальным. На схеме показано значение 000011 в двоичной системе, которое соответствует десятичному значению 3. Таким образом, модуль имеет адрес 3.

Технические данные	
Шина	1 шина Speed-X
Электроснабжение	9–28 В пост. тока, 1 А
Потребляемая мощность	Максимальный ток 100 мА при 12 В пост. тока; Ток в рабочей точке 40 мА при 12 В пост. тока
Радиочастота	868 МГц
Безопасность беспроводного подключения	Скандообразное изменение частоты, шифрование AES 128 Шифрование
Светодиодный индикатор	Зеленый: питание/поиск устройства Оранжевый: тревога/сбой
Размеры (Ш x В x Г)	110 мм x 155 мм x 32 мм
Материал корпуса	Пластмассовый
Вес	225 г
Рабочая температура	от -10 °C до 40 °C
Влажность в рабочем режиме	От 10 до 90%
Тревожный вход	До 32 беспроводных датчиков (портативная аварийная кнопка в комплект поставки не входит)
Беспроводной звуковой извещатель	До 4 беспроводных внутренних извещателей, 8 беспроводных наружных извещателей

Deutsch

- 1 Aufbau**
- Langsam hellgrün blinkend: Warten auf Registrierung

Leuchtet dauerhaft grün: Registriert

Schnell orange blinkend: Alarm

Abwechselnd schnell grün und orange blinkend: Registrierung läuft

Durchgehend orange: Registrierung fehlgeschlagen/ Störung (Verbindung unterbrochen)

Grün blinkend: Idle mich-Modus

Sabotage-taste

DIP-Schalter

Verkabelungsanschluss
- 2 Installation**
- 3 Verkabelung**
- 4 Adresseinstellungen**

Konfigurieren Sie die Adresse über den DIP-Schalter des Empfängers, bevor Sie das System einschalten. Die Adresse muss im Bereich (0 bis 63) liegen. Die Adresse aller Empfänger muss eindeutig sein. Der in der Abbildung gezeigte Binärwert ist 000011, d. h. der Dezimalwert ist 3, also ist die Adresse des Moduls 3.

Technische Daten	
Bus	1 Geschwindigkeit-X-Bus
Spannungsversorgung	9 bis 28 V Gleichspannung, 1 A
Stromverbrauch	Maximaler Strom 100 mA bei 12 V/DC; Ruhestrom 40 mA bei 12 V/DC
Funkfrequenz	868 MHz
Kabellose Sicherheit	Frequenzsprung 128 AES Verschlüsselung
LED-Anzeige	Grün: Ein/Aus/Finde mich Orange: Alarm/Fehler
Abmessungen (B x H x T)	110 mm x 155 mm x 32 mm
Gehäusematerial	Kunststoff
Gewicht	225 g
Betriebstemperatur	-10 bis 40 °C
Betriebsfeuchtigkeit	10 % bis 90 %
Alarmeingänge	Bis zu 32 kabellose Melder (transportable Notfalltaste ist nicht enthalten)
Funk-Sirene	Bis zu 4 Funk-Sirenen für den Innenbereich, 8 Funk-Sirenen für den Außenbereich

Türkçe

- 1 Görünüm**
- Yavaşça yanıp sönen açık yeşil: Kayıt için bekliyor

Sürekli yeşil: Kaydedildi

Hızlı yanıp sönen turuncu: Alarm

Yeşil ve turuncu sırayla hızlı yanıp sönuyor: Kaydediliyor

Sürekli turuncu: Kayıt başarısız/Arıza (Bağlantı kesildi)

Yanıp sönen yeşil: Beni bul modu

Kurcalama Düğmesi

DIP Anahtarı

Kablo Bağlantısı Terminali
- 2 Montaj**
- 3 Kablolama**
- 4 Adres Ayarları**

Sistemi açmadan önce, alıcının DIP anahtarı ile adresi yaplandırın. Adres, aralık içinde olmalıdır (0 ila 63). Her bir alıcının adresi benzersiz olmalıdır. Şemada gösterilen ikili değer 000011, bu da ondalık değerin 3 ve modül adresinin 3 olduğu anlamına gelir.

Özellikler	
Otobüs	1 Speed-X veri yolu
Güç kaynağı	9 ila 28 VDC, 1 A
Güç tüketimi	Maksimum akım 100 mA, 12 VDC; Sessiz akım 40 mA, 12 VDC
RF frekansı	868 MHz
Kablosuz güvenlik	Frekans Atlama 128 AES Şifreleme
LED Göstergesi	Yeşil: Güç/Beni bul Turuncu: Alarm/Arıza
Boyut (G x Y x D)	110 mm x 155 mm x 32 mm
Gövde malzemesi	Plastik
Ağırlık	225 g
Çalışma sıcaklığı	-10 °C ila 40 °C
Çalışma nemi	%10 ila %90
Alarm girişi	32 kablosuz dedektöre kadar (taşınabilir acil durum düğmesi dahil değildir)
Kablosuz siren	4 kablosuz iç mekan sirenine, 8 kablosuz dış mekan sirenine kadar

Italiano

- 1 Aspetto**
- Lampeggio lento in verde chiaro: In attesa di registrazione

Verde fisso: Registrato

Lampeggio veloce in arancione: Allarme

Lampeggio veloce in verde e in arancione in alternanza: Registrazione

Arancione fisso: Registrazione non riuscita/errore (disconnesso)

Verde lampeggiante: modalità Trovami

Pulsante manomissione

Microinterruttore

Terminale di cablaggio
- 2 Installazione**
- 3 Cablaggio**
- 4 Configurazione dell'indirizzo**

Configurare l'indirizzo tramite DIP switch prima di accendere il sistema. L'indirizzo deve essere compreso nell'intervallo (0-63). L'indirizzo di ciascun ricevitore deve essere univoco. Il valore binario mostrato nel diagramma è 000011, che corrisponde a un valore decimale 3. L'indirizzo del modulo quindi è 3.

Specifiche	
Bus	1 bus velocità-X
Alimentazione	9 - 28 V CC, 1 A
Potenza assorbita	Corrente massima 100 mA a 12 VCC; Corrente a riposo 40 mA a 12 VCC
Frequenza radio	868 MHz
Sicurezza wireless	Diversificazione di frequenza 128 AES Crittografia
Indicatore LED	Verde: Accesso/Ricerca Arancione: Allarme/Guasto
Dimensioni (L x A x P)	110 mm x 155 mm x 32 mm
Materiale della custodia	Plastica
Peso	225 g
Temperatura di esercizio	Da -10 °C a 40 °C
Umidità di esercizio	Da 10% a 90%
Ingresso allarme	Fino a 32 rilevatori wireless (il pulsante di emergenza portatile non è incluso)
Suoneria wireless	Fino a 4 sirene wireless per interni, o 8 sirene wireless per esterni

Čeština

- 1 Vzhled**
- Pomalú blikající světle zelená: Čekání na registraci

Nepřerušovaná zelená: Registrováno

Rychle blikající oranžová: Alarm

Rychle střídavě blikající zelená a oranžová: Probíhá registrace

Svítlí oranžová: Registrace se nezdařila/chyba registrace (odpojení)

Blikající zelená: Režim Najdi mě

Tlačítko neoprávněné manipulace

Kabelový terminál

Spínač DIP
- 2 Montáž**
- 3 Zapojení**
- 4 Nastavení adresy**

Před zapnutím systému nakonfigurujte adresu pomocí spínače DIP přijímače. Adresa by měla být v rozsahu (0 až 63). Adresa jednotlivých přijímačů by měla být jedinečná. Binární hodnota zobrazená v diagramu je 000011, což znamená, že desetinná hodnota je 3, takže adresa modulu je 3.

Technické údaje	
Sběrnice	1 sběrnice Speed-X
Napájení	9 až 28 V DC, 1 A
Příkon	Maximální proud 100 mA při 12 V DC; Klidový proud 40 mA při 12 V DC
Frekvence VF	868 MHz
Zabezpečení bezdrátové sítě	Přepínání frekvence 128 AES Šifrování
Indikátor LED	Zelená: napájení / Najdi mě Oranžová: alarm/porucha
Rozměry (Š x V x H)	110 x 155 x 32 mm
Materiál krytu	Plast
Hmotnost	225 g
Provozní teplota	–10 °C až 40 °C
Provozní vlhkost	10 % až 90 %
Vstup alarmu	Až 32 bezdrátových detektorů (přenositel nouzové tlačítka není součástí balení)
Bezdrátový zvukový hlásič	Až 4 bezdrátové vnitřní sirény, 8 bezdrátových venkovních sirén

Português

- 1 Aspeto**
- Pisca lentamente a verde-claro: A aguardar registo

Verde fixo: Registrado

Pisca rapidamente a laranja: Alarme

Pisca rapidamente a verde e laranja alternadamente: A registar

Cor de laranja sólido: Falha no registo/avaria (desligado)

Verde intermitente: Modo de localização

Botão de adulteração

Interruptor DIP

Terminal dos cabos
- 2 Instalação**
- 3 Cablagem**
- 4 Definições do endereço**

Configure o endereço através do interruptor DIP do recetor antes de ligar o sistema. O endereço deve estar no intervalo de 0 a 63. O endereço de cada recetor deve ser único. O diagrama mostra o valor binário 000011, o que significa que o valor decimal é 3. Por conseguinte, o módulo tem o endereço 3.

Especificações	
Barramento	1 barramento Speed-X
Alimentação elétrica	9 a 28 V CC, 1 A
Consumo de energia	Corrente máxima 100 mA@12 V CC; Corrente quiescente 40 mA@12 V CC
Frequência RF	868 MHz
Segurança sem fios	Salto de frequência de 128 AES Encriptação
Indicador LED	Verde: Ligar/Localizar Laranja: Alarme/Avaria
Dimensões (L x A x D)	110 mm x 155 mm x 32 mm
Material do invólucro	Plástico
Peso	225 g
Temperatura de funcionamento	-10 °C a 40 °C
Humidade de funcionamento	10% a 90%
Entrada de alarme	Até 32 detetores sem fios (botão de emergência portátil não incluído)
Alarme sem fios	Até 4 sirenes interiores sem fios e 8 sirenes exteriores sem fios

Magyar

- 1 Külső megjelenés**
- Lassan villogó világoszöld: Várakozás a regisztrációra

Folyamatos zöld: Regisztrálva

Gyorsan villogó narancssárga: Riasztó

Váltakozva gyorsan villogó zöld és narancssárga: Regisztráció folyamatban

Folyamatos narancssárga: Sikertelen regisztráció/hiba (leválasztva)

Villogó zöld: Keresés mód

Szabotázs gomb

Csatlakozóblokk

DIP-kapcsoló
- 2 Telepítés**
- 3 Bekötés**
- 4 Címbeállítások**

A rendszer bekapcsolása előtt konfigurálja a címet a vezérgység DIP-kapcsolójával. A címnek a következő tartományban kell lennie: (0 - 63). Minden egyes vezérgység címének egyedinek kell lennie. Az ábrán látható bináris érték 000011, ami azt jelenti, hogy a tízeses érték 3, szóval a modul címe 3.

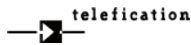
Specifikáció	
Busz	1 Speed-X busz
Tápellátás	9 – 28 V DC, 1 A
Teljesítményfelvétel	Maximális áramerősség 100 mA, 12 V DC mellett; Nyugalmi áramerősség 40 mA, 12 V DC mellett
RF-frekvencia	868 MHz
RF-vezeték nélküli biztonság	Hopping 128 AES gyakoriság Titkosítás
LED jelzőlámpa	Zöld: Tápellátás/keresés Narancssárga: Riasztás/hiba
Méretek (Szél. x Mag. x Mély.)	110 mm x 155 mm x 32 mm
Burkolat anyaga	Műanyag
Súly	225 g
Üzemi hőmérséklet	-10 °C – 40 °C
Üzemi páratartalom	10% – 90%
Riasztási bemenet	Akár 32 vezeték nélküli érzékelő (nem tartalmazza a hordozható vészjelyezeti gombot)
Vezeték nélküli router	Akár 4 vezeték nélküli beltéri hangjelző, 8 vezeték nélküli kültéri hangjelző

HIKVISION

DS-PDP15P-EG2-WE(B) Wireless PIR Detector

Quick Start Guide

EN 50131-1:2006+A1:2009+A2:2017
EN 50131-2-2:2017
EN 50131-5-3:2017
Security Grade(SG) 2
Environmental Class(EC) II
Certified by Telefication



ENGLISH

1 APPEARANCE

1. Indicator
2. Bracket Tamper Port
3. Battery
4. Tamper Switch
5. Power Switch

2 ENROLLMENT

3 INSTALLATION

- I. Check signal strength.
- II. Install the device.
 - a. Mount the detector with screw.
 - b. Mount the detector with sponge tape (non EN compliant).
- III. (Optional) Install the device with bracket (ceiling bracket is non EN compliant).

4 TEST

User Manual

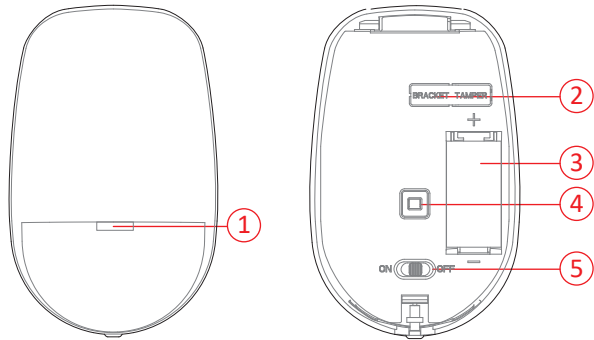
Scan the QR code for more information and operation help.

Specification

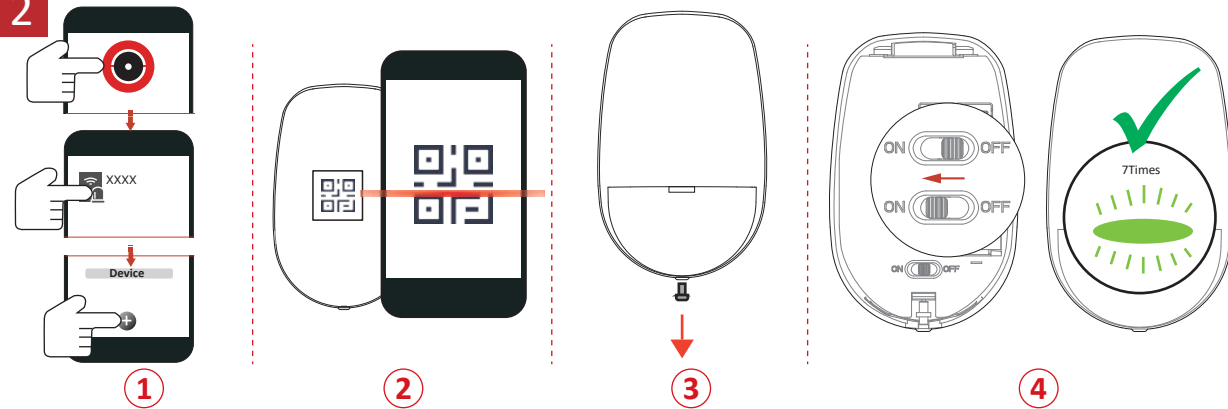
Detection range	15 m (12 metre EN compliant), 90°
Auto sensitivity	Yes
Pet immunity	Up to 30 Kg (Height < 40 cm)
Tamper protection	Front & Back
LED indicator	Blue (alarm)
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F) -10 °C to 40 °C (14 °F to 104 °F) Certified
Storage temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Operating humidity	10% to 90%
Installation height	1.8 to 2.4 m (nominal height = 2.1 m)
Dimension (W × H × D)	65.5 mm × 103 mm × 48.5 mm
Weight	128 g
Transmission frequency	868 MHz
RF range	1.6 Km (open area)
Battery	CR123A x 1 (included), 3 V/1600 mAh
Standard battery life	5 years
Low voltage value	2.45 V
Voltage Range	Fully charged (new) to 2.45 VDC (battery)

Note: when the low voltage message appears there will be at least 30 days of use.

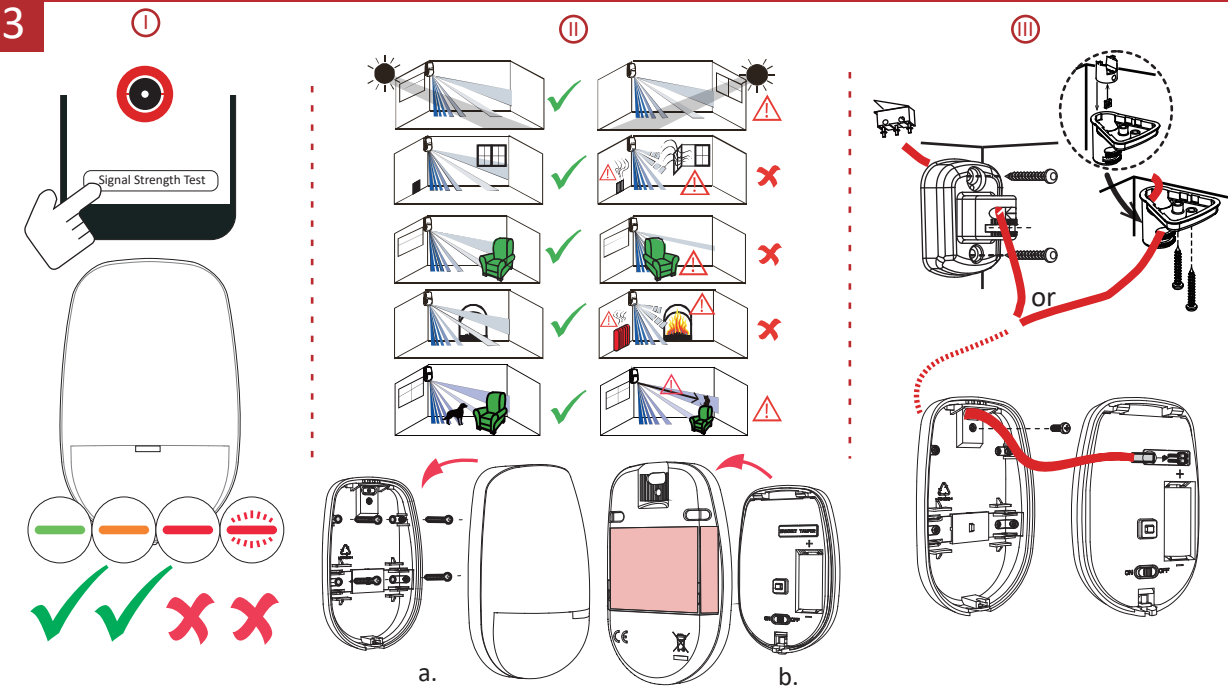
1



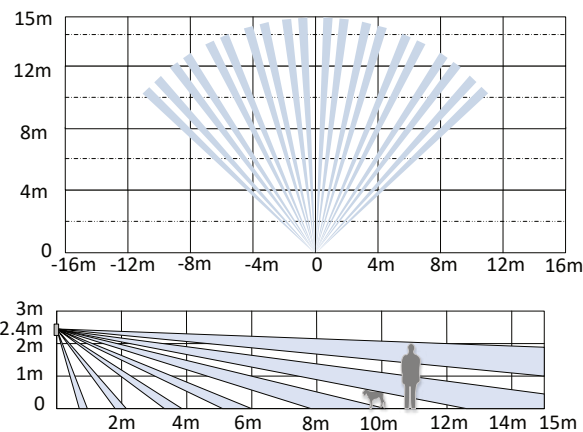
2



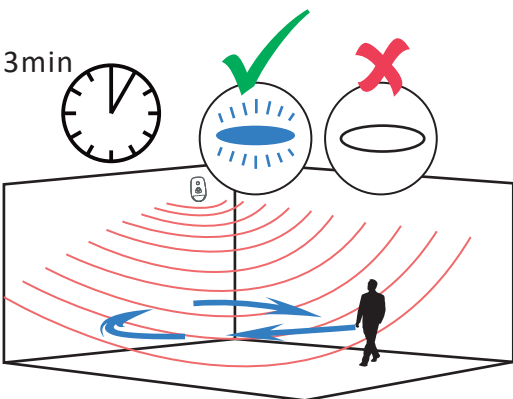
3



4



Detection Range: FOV 90°, 84 zones, 7 levels
Mounting Height: 1.8 to 2.4 m (typical 2.1 m)
Pet Immunity: 30 Kg



User Manual



ENGLISH



INSTALLATION CAUTION
The additional force shall be equal to three times the weight of the equipment but not less than 50N. The equipment and its associated mounting means shall remain secure during the installation. After the installation, the equipment, including any associated mounting plate, shall not be damaged.

Français

PRECAUTION D'INSTALLATION

La force supplémentaire doit être égale à trois fois le poids de l'équipement et au minimum à 50 N. L'équipement et ses supports de montage doivent être maintenus fermement en place pendant l'installation. Après l'installation, l'équipement, y compris le plateau de montage associé le cas échéant, ne doit pas être endommagé.

Deutsch

SICHERHEITSHINWEISE ZUR INSTALLATION

Die zusätzliche Belastung muss dem dreifachen Gewicht des Geräts entsprechen, jedoch mindestens 50 N. Das Gerät und die zugehörigen Befestigungsmittel müssen während der Installation fest gesichert sein. Nach der Installation darf das Gerät, einschließlich der zugehörigen Montageplatte, nicht beschädigt werden.

Español

PRECAUCIONES DE INSTALACIÓN

La fuerza adicional debe ser equivalente a tres veces el peso del equipo, pero no inferior a 50 N. El equipo y sus soportes de montaje deben permanecer seguros durante la instalación. Tras la instalación, no se debe dañar el equipo ni tampoco las placas de montaje asociadas.

Italiano

PRECAUZIONI PER L'INSTALLAZIONE

La forza applicata deve essere pari al triplo del peso del dispositivo e in ogni caso non inferiore a 50 N. Il dispositivo e gli utensili utilizzati per il montaggio devono rimanere al sicuro durante l'installazione. Dopo l'installazione, il dispositivo e la piastrina di montaggio non devono subire danni.

Português (Brasil)

CUIDADOS NA INSTALAÇÃO

A força adicional deve ser igual a três vezes o peso do equipamento, mas não inferior a 50 N. O equipamento e seus suportes de montagem associados devem permanecer seguros durante a instalação. Após a instalação, o equipamento, incluindo qualquer placa de montagem associada, não pode estar danificado.

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados. Para maiores informações, consulte o site da ANATEL – www.anatel.gov.br

Português

CUIDADOS NA INSTALAÇÃO

A força adicional deve ser igual a três vezes o peso do equipamento, mas não inferior a 50 N. O equipamento e seus suportes de montagem associados devem permanecer seguros durante a instalação. Após a instalação, o equipamento, incluindo qualquer placa de montagem associada, não devem estar danificados.

Русский

МЕРЫ ПРЕДОСТОРОЖНОСТИ ПРИ УСТАНОВКЕ

Примечание. Монтажное крепление должно выдерживать трехкратный вес оборудования и действующие силы не менее 50 Н. Оборудование и соответствующие средства монтажа должны быть надежно закреплены во время установки. После установки сконцентрируйте оборудование и монтажную пластину на предмет повреждения.

Nederlands

МЕРЫ ПРЕДОСТОРОЖНОСТИ ПРИ УСТАНОВКЕ

De extra kracht moet gelijk zijn aan drie keer het gewicht van de apparatuur, maar niet minder dan 50N. De apparatuur en de bijbehorende bevestigingsmiddelen moeten tijdens de installatie stevig vast blijven zitten. De apparatuur, inclusief enige bijbehorende montageplaat, mag na de installatie niet worden beschadigd.

Türkçe

MONTAJ DİKKAT

Ek kuvvet, ekipmanın ağırlığının üç katına eşit olmalı, ancak 50 N'dan az olmamalıdır. Ekipman ve bağlı montaj araçları kurulum sırasında güvenli kalmalıdır. Kurulundan sonra, ilgili montaj plakası da dahil, ekipman hasar görmemelidir.

Čeština

UPOZORNĚNÍ K MONTÁŽI

Dodatečná síla by měla být rovna trojnásobku hmotnosti zařízení, avšak nejméně 50 N. Zařízení a související montážní prostředky musí být upevněny během montáže zabezpečně. Po montáži se zařízení včetně přidružené montážní desky nesmí poškodit.

Dansk

ADVARSEL OM INSTALLATION

Den ekstra styrke skal være lig med tre gange vægten af udstyret, men ikke mindre end 50 N. Udstyret og dens tilhørende monteringsredskaber skal holdes sikre under installationen. Udstyret, herunder eventuelle tilhørende monteringsplader, må ikke beskadiges under installationen.

Magyar

TELEPÍTÉSI FIGYELMEZTÉS

A tartóerősítőket legyen egyenlő a berendezés súlyának háromszorosával, de legalább 50 N legyen. Telepítés során a berendezést és a szerelvényekhez tartozó alkatrészeket kell lezárni. A telepítés befejezése után a berendezés és a rögzítőelemek nem lehet sérültek.

Polski

PRZESTROGA DOTYCZĄCA INSTALACJI

Załączony uwaga: siła dodatkowa musi być równa trzykrotności ciężaru urządzenia, ale nie mniejsze niż 50 N. Urządzenie i elementy montażowe powinny być zabezpieczone podczas instalacji. Po instalacji należy chronić wyposażenie, takie jak płytę montażową, przed uszkodzeniem.

Română

PRECAUȚIE CU PRIVIRE LA MONTARE

Forța suplimentară trebuie să fie egală cu de trei ori greutatea echipamentului, dar nu mai puțin de 50 N. Echipamentul și mijloacele de montaj asociate trebuie să rămână sigure în timpul instalării. După instalare, echipamentul, inclusiv orice placă de montaj asociată, nu trebuie deteriorate.

Slovenčina

VÝSTRAHA PRI INŠTALÁCII

Dodatečná sila pôsobiac na zariadenie má dosahovať trojnásobok hmotnosti zariadenia, no nesmie byť menšia ako 50 N. Zariadenie a príslušné montážne prostriedky musia byť namontované pevne. Po montáži nesmie objekt s príslušnou montážnou doskou byť poškodený.

Ελληνικά

ΠΡΟΒΛΕΨΗ ΓΙΑ ΤΗΝ ΕΚΚΑΤΑΣΤΑΣΗ

Η πρόσθετη δύναμη πρέπει να είναι ίση με τρεις φορές το βάρος του εξοπλισμού, αλλά όχι χαμηλότερη από 50N. Ο εξοπλισμός και τα σχετικά μέσα τοποθέτησής του θα παραμείνουν ασφαλείς στη διάρκεια της εγκατάστασης. Μετά την εγκατάσταση, ο εξοπλισμός συμπεριλαμβανομένης τυχόν σχετικής πλακέτας τοποθέτησης, δεν θα υποστεί φθοράς.

Hrvatski

UPOZORENJA O POSTAVLJANJU

Dodatna sila treba biti jednaka trostrukoj težini opreme, ali ne manja od 50 N. Tijekom postavljanja oprema i povezana sredstva za postavljanje trebaju ostati sigurni. Nakon postavljanja oprema i povezane priključne ploče ne smiju biti oštećene.

Українська

ЗАСТЕРЕЖЕННЯ ЩОДО ВСТАНОВЛЕННЯ

Додаткова сила втрини перевищувати вагу обладнання, але становити не менше 50 Н. Обладнання та пов'язані з ним елементи кріплення повинні залишатися в безпечній під час встановлення. Після монтажу унікальні пошкодження обладнання, виключаючи будь-які пов'язані з ним монтажні пластини.

Slovenščina

POZORI NAMESTITEV

Dodatna sila mora biti enaka trikratni teži opreme, vendar ne manjša od 50 N. Poskrbite, da med namestitvijo ne poškodujete opreme in priloženih vgradnih pripomočkov. Po končani namestitvi pazite, da ne poškodujete opreme in morebitne vgradne plošče.

Srpski

UPOZORENJA O INSTALACIJ

Dodatna sila treba da bude jednaka trostrukoj težini opreme, ali ne manja od 50 N. Oprema i odgovarajući pribor za postavljanje treba da budu pričvršćeni tokom postavljanja. Posle postavljanja, oprema i ploče za postavljanje koje su povezane priključne ploče ne smeju da budu oštećene.

Svenska

FÖRSIKTIGHETSÅTGÄRDER VID MONTERING

Tilläggskraften ska vara lika med tre gånger utrustningens vikt men inte mindre än 50 N. Utrustningen och dess tillhörande monteringsförmåigheter ska förbli säkra under installationen. Efter installationen ska utrustningen, inklusive tillhörande monteringsplatta, inte vara skadad.

Norsk

VÆR FORSIKTIG VED INSTALLATION

Tilleggskraften skal tilsvare tre ganger vekten til utstyret, men ikke mindre enn 50 N. Utstyret og relaterte monteringsmetoder må forbli sikre under installasjonen. Etter installasjonen må ikke utstyret og relaterte monteringsutstyr skades for skade.

Български

ПРЕДУПРЕЖДЕНИЯ ПРИ МОНТАЖ

Допълнителната сила трябва да е равна на три пъти тежестта на оборудването, но не по-малко от 50N. При извършване на монтажа оборудването и свързаните с него монтажни елементи трябва да бъдат в безопасни състояния. След монтажа оборудването и свързаните с него монтажни елементи не трябва да имат повреди.

Hebrew

הכוח הנוסף צריך להיות שווה לפחות לשלוש הפעמים את כוח המשיכה של הציוד, אך פחות מ-50N. הציוד והאמצעים להרכבתו חייבים להישאר בטוחים במהלך ההתקנה. לאחר ההתקנה, אין לערוך שום פגיעה בציוד או באמצעים להרכבתו.

DS-PDP15P-EG2-WB(B)/WE(B)

Wireless PIR Detector

HIKVISION

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About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

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2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info



replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
- leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and
- a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

1 Appearance

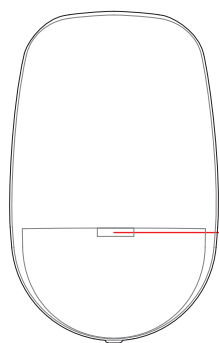
CAUTION

IF THE BATTERY COMPARTMENT DOES NOT CLOSE SECURELY, STOP USING THE PRODUCT AND KEEP IT AWAY FROM CHILDREN.

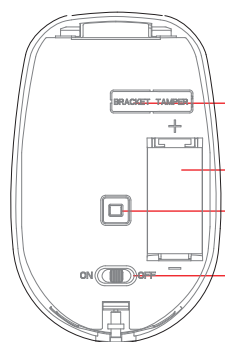
CAUTION

CHEMICAL BURNING DANGER
DO NOT SWALLOW THE BATTERY
KEEP NEW AND USED BATTERIES AWAY FROM THE CHILDREN.

IF YOU THINK BATTERIES MIGHT HAVE BEEN SWALLOWED OR PLACED INSIDE ANY PART OF THE BODY, SEEK IMMEDIATE MEDICAL ATTENTION.



Indicator



Bracket Tamper Port

Battery

Tamper Switch

Power Switch

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
REPLACEMENT OF A BATTERY WITH AN INCORRECT TYPE THAT CAN DEFEAT A SAFEGUARD.

CAUTION

DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS AND LOCAL REGULATION.

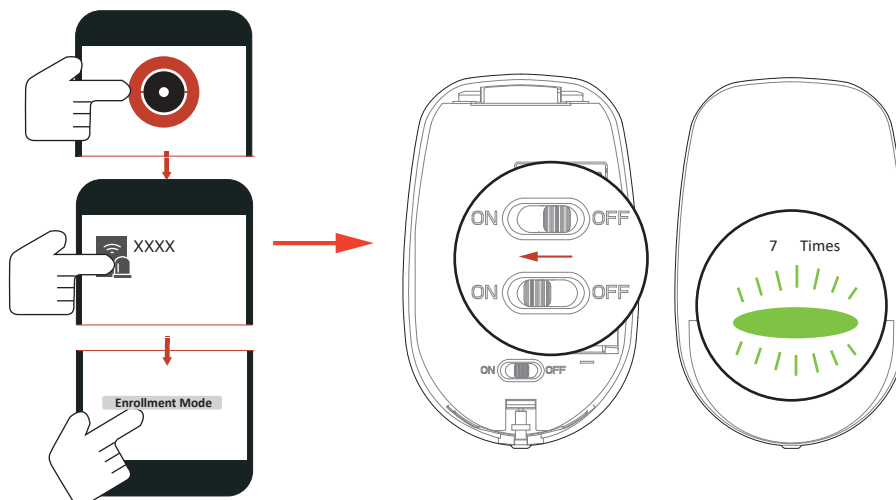
2 Enrollment

Note: The enrollment progress will be completed in 3 to 10 seconds normally, and the maximum enrollment duration is 3 minutes.

1. Log in to the APP Store, download and install Hik-Pro.
2. Power on the security control panel.
3. Log in the APP and tap the icon "+". Scan the QR code or input the control panel serial No. to add the control panel.

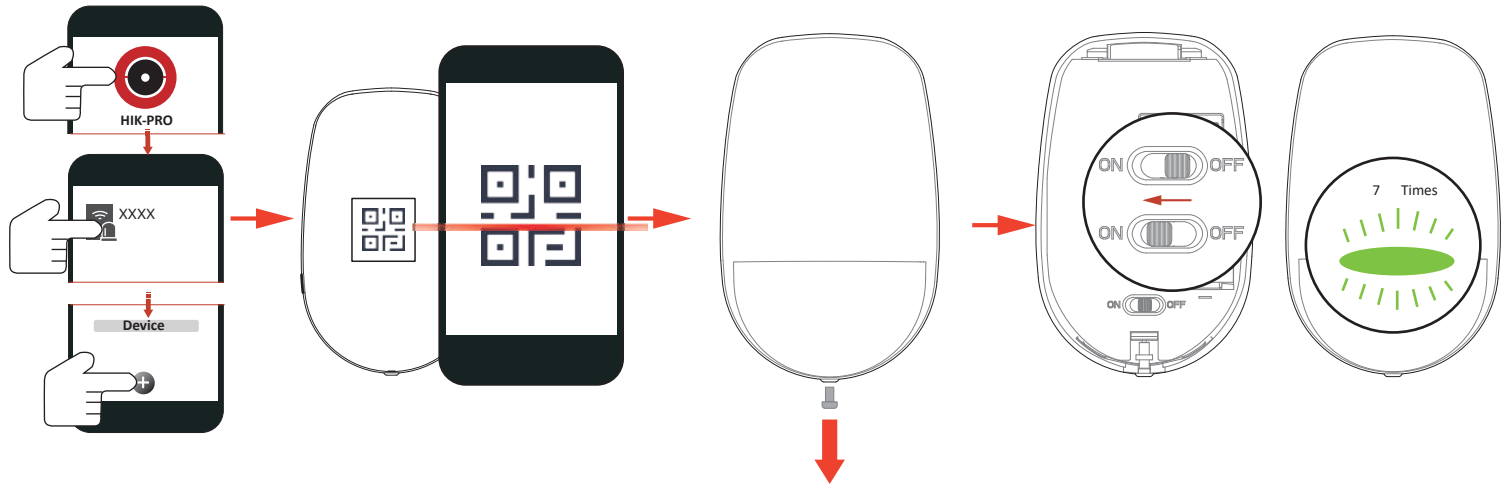
1 Enroll the Peripheral Locally

1. In the APP, tap the "Enrollment Mode" button on the control panel page to make the control panel enter the enrollment status.
2. Loosen the screw and remove rear panel.
3. Power on the peripheral, and it will be automatically enrolled to the control panel.



2 Enroll the Peripheral with QR and serial No.

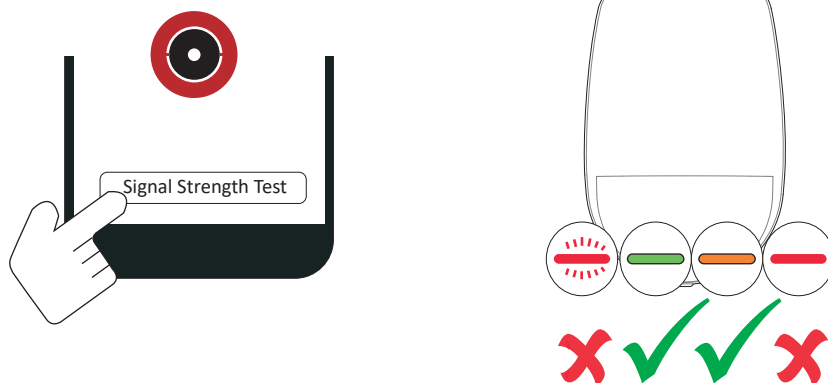
1. In the APP, tap the icon "+" and scan the QR code or serial No. on the peripheral.
2. Loosen the screw and remove rear panel.
3. Power on the peripheral, and it will be automatically enrolled to the control panel.



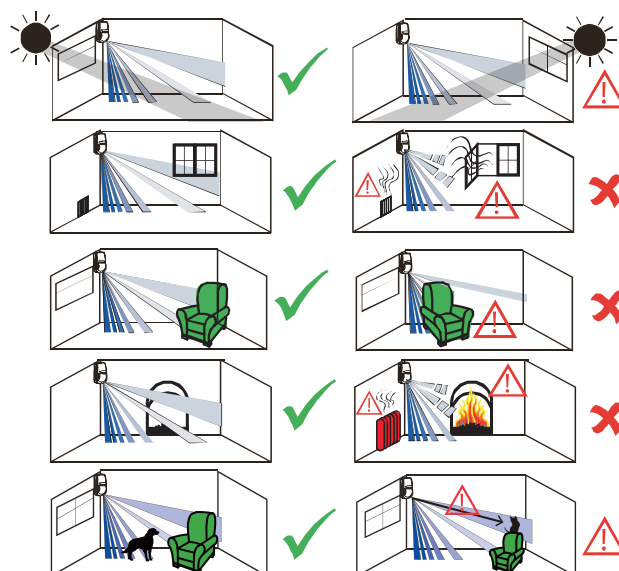
Note: Hold the tamper button, and make the device power off and then power on for re-enrollment.

3 Installation

1. Check Signal Strength
Enter the signal checking mode by operating on the control panel. Trigger the detector.
Solid Green for 3 s - Strong Signal
Solid Orange for 3 s - Medium Signal
Solid Red for 3 s - Weak Signal
Red light flashes for 3S - Failure



2. Check the installation environment

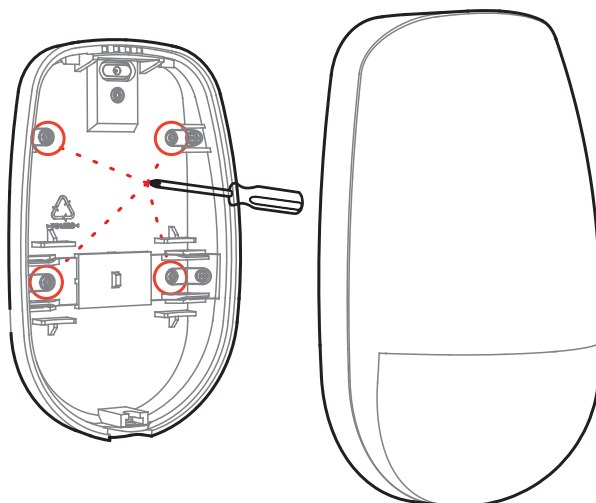


3. Install the Detector

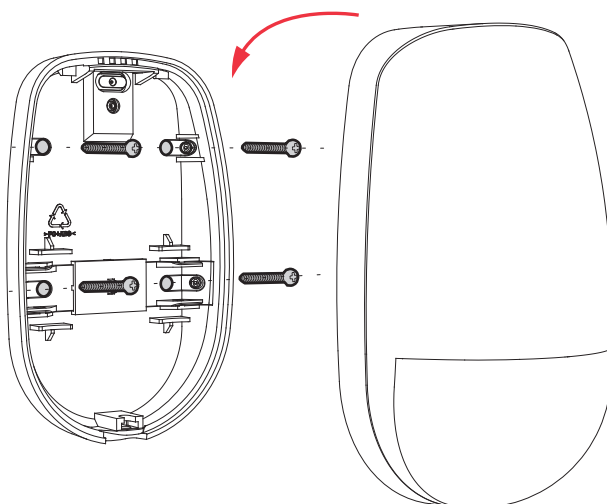
Note: The additional force shall be equal to three times the weight of the equipment but not less than 50N. The equipment and its associated mounting means shall remain secure during the installation. After the installation, the equipment, including any associated mounting plate, shall not be damaged.

with Screws

- a. Knock out the screw holes on the rear panel.

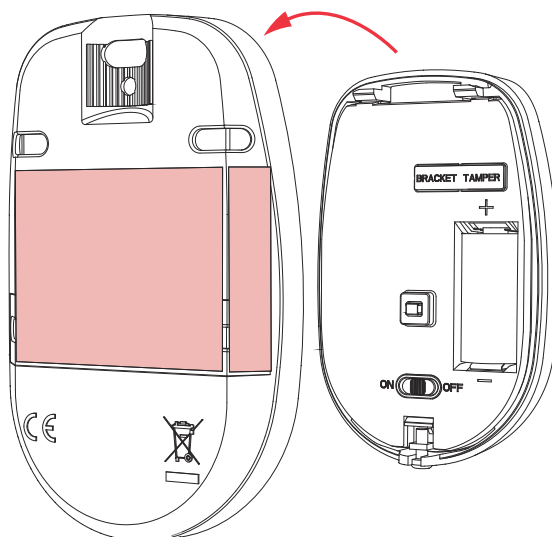


- b. Secure the rear panel on the wall with four screws.



with the Sponge Tape

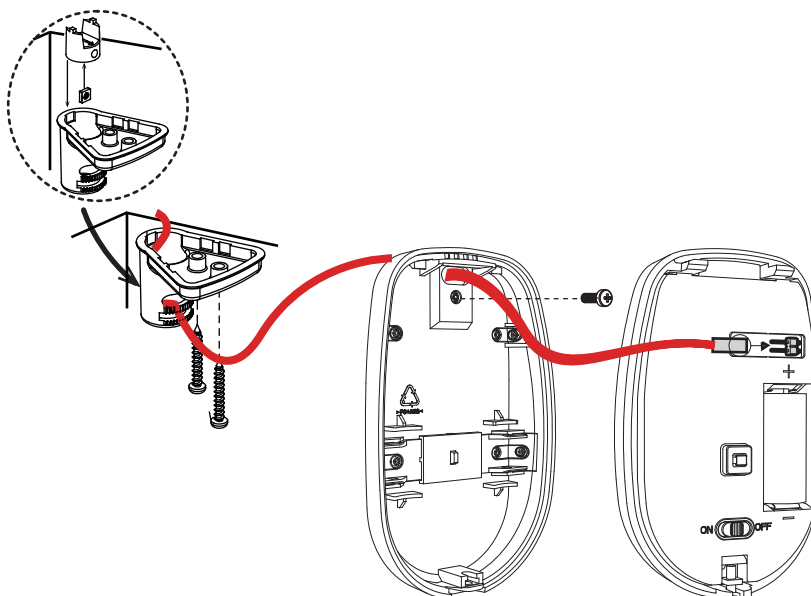
Paste the device on the wall with sponge tape.



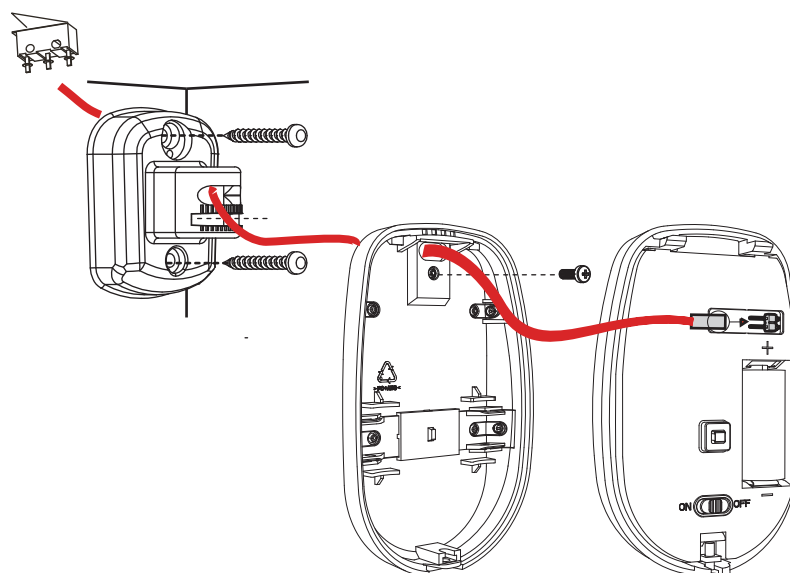
Note: Installing with sponge tape is non EN compliant.

Bracket Installation

Ceiling Bracket Fitting (Non EN compliant)



Wall Bracket Fitting



4 Test

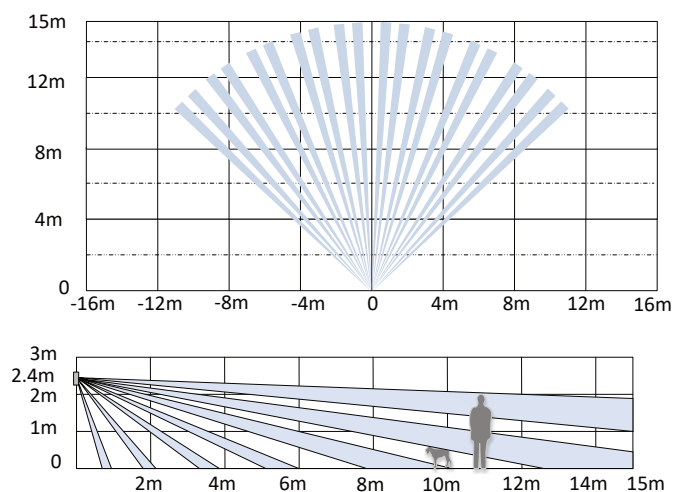
Detector zones and planes

The zones and plans of the detector are shown below.

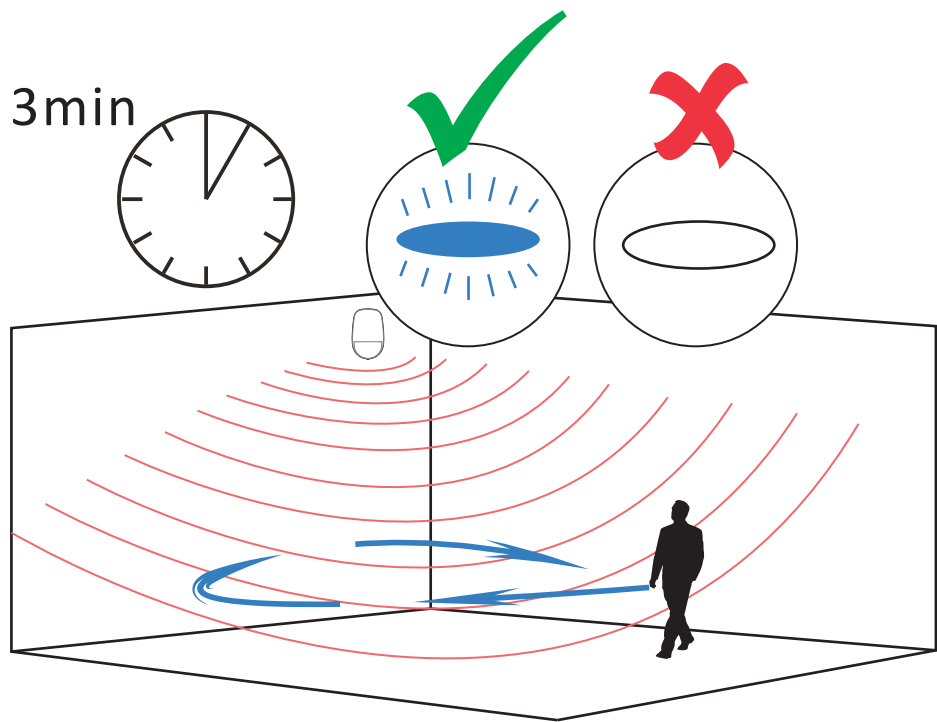
Detection Range: FOV 90°, 84 zones, 7 levels

Mounting Height: 1.8 to 2.4 m (typical 2.1 m)

Pet Immunity: 30 Kg



The detector will enter the walk test mode (3 minutes) after being enrolled.
Trigger the detector within the detection range.
If the LED indicator turns blue, the installation position is properly. If the LED indicator is still off, adjust the position of the detector.



5 Formatting

Hold the tamper switch for 8 s and power the device on at the same time. The red LED flashes 3 times when the formatting operation is completed.

6 Set up with App

You can view the device status including temperature, signal intensity, battery level, lid, arming/disarming, etc.,on the device page. Tap the  button to enter the settings page.

Function	Description
Zone Type	Select the zone type of the detector.
Stay Arm Bypass	Slide to green to bypass the zone from stay arming.
Chime	Slide to green to enable the chime.
Enable Silent Zone	Slide to green to make the zone keep silent while alarm is triggered.
Double Knock	Slide to green to make the zone alarm with double knock.
Cross Zone	If the alarm triggered in both of the linked zones within the set time, two alarm messages will be reported.

Function	Description
Sensitivity	Set the sensitivity of the detector. Higher sensitivity makes the intruder easier to be detected.
Swinger limit activation	Set the limit times of swinger activation .
Trigger Interval, sec	Set the interval of trigger, and the alarm message will not be repeated within the time.
LED	Turn On/Off the LED.
Polling Rate	Set the interval of heartbeat.
Signal Strength Test	Enter the test mode, and view the LED indication.
Detection Zone Test	Enter the test mode, and start walk test.
Zone Bypass	By pass the zone.

6 Operation Caution and Device Maintenance

- All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.
- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Please make sure that the power has been disconnected before you wire, install or dismantle the device.
- If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Do not place the device in extremely hot (refer to the specification of the device for the detailed operation temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
- The device for indoor use shall be kept from rain and moisture.
- Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).
- Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.
- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
- Do not expose the device to the corrosive gas. Otherwise the equipment damage may occur.
- Do not expose the device to the explosive situation.

7 Specification

	Model	DS-PDP15P-EG2-WB(B)/WE(B)
Detection Performance	Detection Method	Passive Infrared
	Sensor Model	SFG321-711
	Detection Range	15 m(12 metre EN compliant)
	Detection Angle	85.9°
	Detection Zones	52
	Detectable Speed	0.3 to 2 m/s
	Sensitivity	Auto, High, Pet
	Pet Immunity	30 Kg
	White Light Filter	6500 lux
	Digital Temperature Compensation	Support
	Creep Zone Protection	Support
Feature	Digital Processing	Support
	Sealed Optics	Support
	Tamper Protection	Front, Rear
	Environment Temperature Indicator	Support
	Signal Strength Indicator	Support
Interface	Power Switch	Power Up Enrolling
	LED Indicator	Blue(Alarm)
Transmission	Transmission Technology	Tri-X Wireless
	Transmission Method	Two-Way RF Wireless
	Transmission Frequency	433 MHz/868 MHz
	Transmission Security	AES-128 Encryption
	Transmission Range(Free Space)	1.2 Km(433 MHz)/1.6 Km(868 MHz)
	Frequency Hopping	Support
	Enrolling Method	Power up, Remote ID, QR Code
Electrical Characteristics	Power Supply	Battery Powered
	Battery Type	CR123A x 1 (included), 3 V/1600 mAh
	Typical Voltage	3 V
	Low Voltage Value	2.45 V
	Consumption	Max. current: 60 mA Quiescent current: 32 uA (disarmed), 12 uA (armed)
	PS Type	Type C
	Standard Battery Life	5 Years
General	Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
	Operation Humidity	10% to 90%
	Dimension(WxHxD)	65.5 mm × 103 mm× 48.5 mm
	Weight	128 g
	Mounting Height	1.8 to 2.4 m
	Mounting Method	Wall
	Application Scenario	Indoor
	Bracket	Optional Wall & Ceiling Accessory

Note: when the low voltage message appears there will be at least 30 days of use.

REPÚBLICA FEDERATIVA DO BRASIL MINISTÉRIO DA INFRAESTRUTURA SECRETARIA NACIONAL DE TRÂNSITO		BRASIL	
CARTEIRA NACIONAL DE HABILITAÇÃO / DRIVER LICENSE / PERMISO DE CONDUCCIÓN			
2 ^a 1º NOME E SOBRENOME WILSON CEZAR DUARTE ARAUJO		1ª HABILITAÇÃO 16/04/1997	
		3 DATA, LOCAL E UF DE NASCIMENTO 03/08/1975, BELO HORIZONTE, MG	
		4a DATA EMISSÃO 11/07/2022	4b VALIDADE 08/07/2032
		ACC  D	
		4c DOC IDENTIDADE / ÓRG EMISSOR / UF MG6071909 PC MG	
		4d CPE 035.946.506-42	5 Nº REGISTRO 02231865250
		3 CAT HAB AB	
NACIONALIDADE BRSILEIRO			
FILIAÇÃO ALONSO BARBUDA ARAUJO			
GIZELDA CHAVES DUARTE			
7 ASSINATURA DO PORTADOR 			

9

10

11

12

ACC			
A			08/07/2032
A1			
B			08/07/2032
B1			
C			
C1			

9

10

11

12

D			
D1			
BE			
CE			
C1E			
DE			
D1E			

12

OBSERVAÇÕES

LOCAL

BELO HORIZONTE, MG

ASSINADO DIGITALMENTE

DEPARTAMENTO ESTADUAL DE TRÂNSITO

68740229354

MG620262222

MINAS GERAIS

2 e 1. Nome e Sobrenome / Name / Durname / Nombre y Apellidos - Primeira Habilitação / First Driver License / Primera Licencia de Conducir - 3. Data e Local de Nascimento / Date and Place of Birth DD/MM/YYYY / Fecha y Lugar de Nacimiento - 4a. Data de Emissão / Issuing Date DD/MM/YYYY / Fecha de Emisión - 4b. Data de Validade / Expiration Date DD/MM/YYYY / Valido Hasta - ACC - 4c. Documento de Identificação - Órgão emissor / Identity Document - Issuing Authority / Documento de Identificación - Autoridad Expedidora - 4d. CPF - 5. Número de registro da CNH / Driver License Number / Número de Permiso de Conducir - 9. Categoria de Veículos da Carteira de Habilitação / Driver license Class / Categoría de Permisos de Conducir - Nacionalidade / Nationality / Nacionalidad - Filiação / Filiação - 12. Observações / Observations / Observaciones - Local / Place / Lugar

I<BRA022318652<504<<<<<<<<<
7508033M3207084BRA<<<<<<<<2
WILSON<<CEZAR<DUARTE<ARAUJO<<<

QR-CODE



Documento assinado com certificado digital em conformidade com a Medida Provisória nº 2200-2/2001. Sua validade poderá ser confirmada por meio do programa Assinador Serpro.

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<https://www.serpro.gov.br/assinador-digital>.

SERPRO / SENATRAM



JUNTA COMERCIAL DO ESTADO DE MINAS GERAIS

Registro Digital

Capa de Processo

Identificação do Processo		
Número do Protocolo	Número do Processo Módulo Integrador	Data
23/304.110-9	MGN2368451615	30/05/2023

Identificação do(s) Assinante(s)	
CPF	Nome
035.946.506-42	WILSON CEZAR DUARTE ARAUJO

Junta Comercial do Estado de Minas Gerais



PHOENIX TECNOLOGIA EM SEGURANÇA **ELETRÔNICA LTDA - ME**

4ª Alteração Contratual

(01) **WILSON CEZAR DUARTE ARAÚJO**, brasileiro, casado no regime de separação de bens, nascido em 03/08/75 em Belo Horizonte - MG, empresário, residente e domiciliado na Rua Chico Rei, nº. 225, no Bairro Betânia, em Belo Horizonte - MG, CEP 30580-300, portador da Carteira de Identidade nº. MG-6. 071.909, expedida pela SSP/MG e CPF nº. 035.946.506-42;

Atual e único sócio da sociedade empresária limitada denominada “**PHOENIX TECNOLOGIA EM SEGURANÇA ELETRÔNICA LTDA - ME**”, estabelecida na Rua Geraldo Mourão, nº. 25, no Bairro Buritis, em Belo Horizonte - MG, CEP 30575-330, inscrita no CNPJ sob o nº. 13.737.510/0001-98 e registrada na JUCEMG sob o nº. 31210498647 em 01/10/2015 resolvem promover a alteração no dito instrumento e o fazem mediante cláusulas e condições seguintes:

I - Aumento de Capital

O Capital social que era de **R\$ 50.000,00** (cinquenta mil reais) totalmente integralizado, passa neste ato para **R\$ 400.000,00** (quatrocentos mil reais) divididos em **400.000** (quatrocentos mil) cotas no valor unitário de **R\$ 1,00** (hum real) cada a ser integralizado neste ato em moeda corrente do país conforme discriminado a seguir:

Capital social anterior totalmente integralizado	R\$	50.000,00
Integralização em moeda corrente	R\$	70.000,00
Conta Reserva de Lucros	R\$	280.000,00
Capital social atual	R\$	400.000,00

Nova distribuição do Capital Social

NOME	COTAS	VALOR
WILSON CEZAR DUARTE ARAÚJO	400.000	R\$ 400.000,00
TOTAL	400.000	R\$ 400.000,00

II - Do Contrato Social

Conforme alteração estabelecida, os sócios resolvem, consolidar o contrato social da “**PHOENIX TECNOLOGIA EM SEGURANÇA ELETRÔNICA LTDA - ME**”, o qual passa a vigorar com a seguinte redação:

Fl. 01/04



Junta Comercial do Estado de Minas Gerais

Certifico o registro sob o nº 10478100 em 01/06/2023 da Empresa PHOENIX TECNOLOGIA EM SEGURANÇA ELETRÔNICA LTDA - ME, Nire 31210498647 e protocolo 233041109 - 30/05/2023. Autenticação: D671B632414C9D59E2B087E2DC2DB778831156B8. Marinely de Paula Bomfim - Secretária-Geral. Para validar este documento, acesse <http://www.jucemg.mg.gov.br> e informe nº do protocolo 23/304.110-9 e o código de segurança 8lbk Esta cópia foi autenticada digitalmente e assinada em 02/06/2023 por Marinely de Paula Bomfim Secretária-Geral.

MARINELY DE PAULA BOMFIM
SECRETÁRIA-GERAL

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CONTRATO SOCIAL

Cláusula Primeira

DA NATUREZA JURÍDICA, DENOMINAÇÃO E SEDE

A denominação da sociedade é “**PHOENIX TECNOLOGIA EM SEGURANÇA ELETRÔNICA LTDA - ME**”, sendo constituída como sociedade empresária limitada.

A empresa utiliza como nome fantasia “**PHOENIX SEGURANÇA**”

A sede social é estabelecida na Rua Geraldo Mourão, nº. 25, no Bairro Buritis, em Belo Horizonte - MG, CEP 30575-330.

A sociedade poderá abrir filiais, agências ou escritórios em qualquer local do território nacional, desde que obedecidas às normas legais.

Cláusula Segunda

DOS OBJETOS SOCIAIS

A sociedade tem como objetivo social comércio varejista de equipamentos de segurança eletrônica e prestação de serviços em segurança eletrônica, tais como, monitoramento de sistema de segurança eletrônica, controle de acesso, vigilância eletrônica e locação de equipamentos de segurança.

Cláusula Terceira

DO CAPITAL SOCIAL, INTEGRALIZAÇÃO E DISTRIBUIÇÃO

O Capital Social é de R\$ 400.000,00 (quatrocentos mil reais) divididos em 400.000 (quatrocentos mil) cotas de R\$ 1,00 (hum real) cada, distribuídos entre os sócios na seguinte proporção:

NOME	COTAS	VALOR
WILSON CEZAR DUARTE ARAÚJO	400.000	R\$ 400.000,00
TOTAL	400.000	R\$ 400.000,00

O valor do Capital Social de R\$ 400.000,00 (quatrocentos mil reais) está totalmente integralizado pelos sócios em moeda corrente do país no ato assinatura deste instrumento.

Cláusula Quarta

DA RESPONSABILIDADE DOS SÓCIOS

A responsabilidade de cada sócio é restrita ao valor de suas cotas, mas todos respondem solidariamente pela integralização do capital social, conforme Artigos 1.052, CC/2002, não respondendo subsidiariamente pelas obrigações sociais.

Cláusula Quinta

DO INÍCIO DE ATIVIDADES E DO PRAZO DE DURAÇÃO

A sociedade iniciou suas atividades no dia **31 de maio de 2011** e seu prazo de duração é por tempo indeterminado.

Fl. 02/04



Junta Comercial do Estado de Minas Gerais

Certifico o registro sob o nº 10478100 em 01/06/2023 da Empresa PHOENIX TECNOLOGIA EM SEGURANÇA ELETRÔNICA LTDA - ME, Nire 31210498647 e protocolo 233041109 - 30/05/2023. Autenticação: D671B632414C9D59E2B087E2DC2DB778831156B8. Marinely de Paula Bomfim - Secretária-Geral. Para validar este documento, acesse <http://www.jucemg.mg.gov.br> e informe nº do protocolo 23/304.110-9 e o código de segurança 8lBk Esta cópia foi autenticada digitalmente e assinada em 02/06/2023 por Marinely de Paula Bomfim Secretária-Geral.

MARINELY DE PAULA BOMFIM
SECRETÁRIA-GERAL

Cláusula Sexta **DA ADMINISTRAÇÃO DA SOCIEDADE**

A administração da sociedade é exercida em **isoladamente** pelo sócio **WILSON CEZAR DUARTE ARAÚJO**, cabendo ao mesmo a representação da sociedade, judicial e extrajudicialmente, bem como perante fornecedores e clientes em geral, autarquias e demais repartições públicas, federais, estaduais e municipais, enfim, em todas as relações sociais junto a terceiros.

Parágrafo Único: O uso da denominação social é restrito a assuntos de puro interesse social, sendo vedado seu uso em assuntos particulares, tais como avais, fianças, abonos, endossos e outras responsabilidades de mero favor.

Cláusula Sétima **DAS RETIRADAS PRÓ-LABORE**

Aos sócios poderão ser creditadas retiradas a título de pró-labore, determinadas de comum acordo entre os mesmos, desde que participem ativamente dos negócios sociais, e cumpram os limites fixados pela legislação em vigor, importâncias estas que serão levadas a débito da conta “Despesas Administrativas”.

Cláusula Oitava **DA TRANSFERÊNCIA DE COTAS**

As cotas subscritas pelos sócios não poderão ser objeto de cessão ou transferência total ou parcial a terceiros, sem o consentimento expresso e unânime do outro sócio, o qual terá preferência para aquisição das mesmas em igualdade de condições.

Cláusula Nona **DO EXERCÍCIO SOCIAL E DISTRIBUIÇÃO DE RESULTADOS**

No fim de cada ano civil, ou seja, 31 de dezembro, a sociedade fará realizar um Balanço Geral, para a apuração de Resultado do Exercício.

Havendo lucros, estes serão distribuídos de forma proporcional ou desproporcional à participação societária de cada um dos sócios, ou serão mantidos na conta “Lucros Acumulados” para futura distribuição ou aumento de Capital Social, de acordo com o vigente Regulamento de Imposto de Renda.

Cláusula Décima **DA SUCESSÃO**

A sociedade não se dissolverá por morte ou interdição de qualquer dos sócios. Os herdeiros do falecido ou interdito, mediante concordância dos outros sócios, poderão permanecer na sociedade ou ter seus haveres apurados mediante Balanço Patrimonial a ser levantado na data do evento, e neste caso, a liquidação desses créditos será feita em 06 (seis) prestações mensais, iguais e sucessivas.

Fl. 03/04



Junta Comercial do Estado de Minas Gerais

Certifico o registro sob o nº 10478100 em 01/06/2023 da Empresa PHOENIX TECNOLOGIA EM SEGURANCA ELETRONICA LTDA - ME, Nire 31210498647 e protocolo 233041109 - 30/05/2023. Autenticação: D671B632414C9D59E2B087E2DC2DB778831156B8. Marinely de Paula Bomfim - Secretária-Geral. Para validar este documento, acesse <http://www.jucemg.mg.gov.br> e informe nº do protocolo 23/304.110-9 e o código de segurança 8lBk Esta cópia foi autenticada digitalmente e assinada em 02/06/2023 por Marinely de Paula Bomfim Secretária-Geral.

MARINELY DE PAULA BOMFIM
SECRETÁRIA-GERAL

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Cláusula Décima Primeira
DOS CASOS OMISSOS

Os casos omissos neste contrato serão resolvidos com observância dos preceitos do Código Civil e de outros dispositivos legais que lhes sejam aplicáveis e, supletivamente, pelas normas da sociedade anônima.

Cláusula Décima Segunda
DA LIQUIDAÇÃO

A sociedade entrará em liquidação nos casos específicos, previstos por lei.

Cláusula Décima Terceira
DA DECLARAÇÃO

Para os efeitos do disposto no art. 1.011 do Código Civil, os sócios declaram, sob as penas da Lei, que não estão incurso em nenhum dos crimes previstos ali ou em lei especial, que possam impedi-los de exercer a administração da sociedade.

Cláusula Décima Quarta
DO FORO

Fica eleito o Foro da Comarca de Belo Horizonte para o exercício e o cumprimento dos direitos e obrigações resultantes deste contrato.

Estando assim justos e contratados os sócios assinam o presente instrumento através de Certificação Digital obrigando-se, bem como por seus herdeiros, a cumprir fielmente todas as cláusulas nele contidas.

Belo Horizonte, 26 de maio de 2023.

WILSON CEZAR DUARTE ARAÚJO
Assinado Digitalmente

Fl. 04/04





JUNTA COMERCIAL DO ESTADO DE MINAS GERAIS

Registro Digital

Documento Principal

Identificação do Processo		
Número do Protocolo	Número do Processo Módulo Integrador	Data
23/304.110-9	MGN2368451615	30/05/2023

Identificação do(s) Assinante(s)	
CPF	Nome
035.946.506-42	WILSON CEZAR DUARTE ARAUJO





TERMO DE AUTENTICAÇÃO - REGISTRO DIGITAL

Certifico que o ato, assinado digitalmente, da empresa PHOENIX TECNOLOGIA EM SEGURANCA ELETRONICA LTDA - ME, de NIRE 3121049864-7 e protocolado sob o número 23/304.110-9 em 30/05/2023, encontra-se registrado na Junta Comercial sob o número 10478100, em 01/06/2023. O ato foi deferido eletronicamente pelo examinador Laura Aparecida Vieira.

Certifica o registro, a Secretária-Geral, Marinely de Paula Bomfim. Para sua validação, deverá ser acessado o sitio eletrônico do Portal de Serviços / Validar Documentos (<https://portalservicos.jucemg.mg.gov.br/Portal/pages/imagemProcesso/viaUnica.jsf>) e informar o número de protocolo e chave de segurança.

Capa de Processo

Assinante(s)	
CPF	Nome
035.946.506-42	WILSON CEZAR DUARTE ARAUJO

Documento Principal

Assinante(s)	
CPF	Nome
035.946.506-42	WILSON CEZAR DUARTE ARAUJO

Belo Horizonte. quinta-feira, 01 de junho de 2023



Documento assinado eletronicamente por Laura Aparecida Vieira, Servidor(a) Público(a), em 01/06/2023, às 17:24 conforme horário oficial de Brasília.



A autenticidade desse documento pode ser conferida no [portal de serviços da jucemg](http://www.jucemg.mg.gov.br) informando o número do protocolo 23/304.110-9.





JUNTA COMERCIAL DO ESTADO DE MINAS GERAIS

Registro Digital

O ato foi deferido e assinado digitalmente por :

Identificação do(s) Assinante(s)	
CPF	Nome
873.638.956-00	MARINELY DE PAULA BOMFIM



Belo Horizonte. quinta-feira, 01 de junho de 2023



Junta Comercial do Estado de Minas Gerais

Certifico o registro sob o nº 10478100 em 01/06/2023 da Empresa PHOENIX TECNOLOGIA EM SEGURANCA ELETRONICA LTDA - ME, Nire 31210498647 e protocolo 233041109 - 30/05/2023. Autenticação: D671B632414C9D59E2B087E2DC2DB778831156B8. Marinely de Paula Bomfim - Secretária-Geral. Para validar este documento, acesse <http://www.jucemg.mg.gov.br> e informe nº do protocolo 23/304.110-9 e o código de segurança 8lbk Esta cópia foi autenticada digitalmente e assinada em 02/06/2023 por Marinely de Paula Bomfim Secretária-Geral.

MARINELY DE PAULA BOMFIM
SECRETÁRIA-GERAL



GOVERNO DO ESTADO DE MINAS GERAIS
SECRETARIA DE ESTADO DE PLANEJAMENTO DE GESTÃO
Sistema Integrado de Administração de Materiais e Serviços - SIAD

CERTIFICADO DE REGISTRO CADASTRAL DO FORNECEDOR - CRC - Lei 14.133/21					
Nº DO CADASTRO:	93016	SITUAÇÃO:	Ativo	VALIDADE:	19/08/2025
IDENTIFICAÇÃO					
Inscrito no CAFIMP	Não		Inscrito no CADIN	Não	
CNPJ	13.737.510/0001-98				
Nome Empresarial	PHOENIX TECNOLOGIA EM SEGURANCA ELETRONICA LTDA - ME				
Nome Fantasia	PHOENIX SEGURANCA				
Natureza Jurídica	Sociedade Empresária Limitada		Porte da Empresa	Micro	
Contatos					
Telefone(s) do Fornecedor					
Tipo de Telefone			Telefone		
Principal			(31)3321-2838		
Empresa			(31)3392-4513		
E-mail Principal	wilson@phoenixseguranca.com				
Representante(s) Legal(is)					
CPF	Nome				Tipo de Assinatura
***.946.506-**	WILSON CEZAR DUARTE ARAUJO				Isoladamente
ENDEREÇO					
RUA GERALDO MOURAO, 25, BURITIS, BELO HORIZONTE, MG, CEP: 30.575-330					
CONTRATO SOCIAL					
Objetivo Social	COMERCIO VAREJISTA DE EQUIPAMENTOS DE SEGURANCA ELETRONICA E PRESTACAO DE SERVICOS EM SEGURANCA ELETRONICA, TAIS COMO, MONITORAMENTO DE SISTEMAS DE SEGURANCA ELETRONICA, CONTROLE DE ACESSO, VIGILANCIA ELETRONICA E LOCAÇAO DE EQUIPAMENTOS DE SEGURANCA				
DOCUMENTAÇÃO					
Credenciamento do Representante			Validade	Situação	
CPF do representante do fornecedor			-	Aceito	
Identidade do representante do fornecedor			-	Aceito	
Procuração para credenciamento do representante do fornecedor			-	Aceito	
Habilitação Jurídica			Validade	Situação	
Comprovação da condição de pequena empresa (microempresa ou empresa de pequeno porte)			-	Aceito	
Contrato Social e sua última alteração registrado na Junta Comercial ou estabelecimento competente, na forma da lei			-	Aceito	
Declaração de menores e fato superveniente			-	Aceito	



GOVERNO DO ESTADO DE MINAS GERAIS
SECRETARIA DE ESTADO DE PLANEJAMENTO DE GESTÃO
Sistema Integrado de Administração de Materiais e Serviços - SIAD

Regularidade Fiscal Básica					Validade		Situação	
Certificado de Regularidade de Situação - CRS (FGTS)					06/10/2024		Vigente	
Inscrição no CNPJ					-		Aceito	
Prova de quitação com a Fazenda Estadual (ICMS), do respectivo Estado onde está instalada a pessoa jurídica					01/11/2024		Vigente	
Regularidade Fiscal Complementar e Trabalhista					Validade		Situação	
Certidão de Débitos Tributários - CDT (SEF-MG)					01/11/2024		Vigente	
Certidão Negativa de Débitos Trabalhistas - (CNDT)					15/02/2025		Vigente	
Prova de Inscrição no Cadastro Estadual de Contribuintes, do respectivo Estado onde está instalada a pessoa jurídica					-		Aceito	
Prova de quitação com a Fazenda Federal (Secretaria da Receita Federal e Procuradoria Geral da Fazenda Nacional-Dívida Ativa)					06/11/2024		Vigente	
Prova de quitação com a Fazenda Municipal, do respectivo município onde está instalada a pessoa jurídica					04/10/2024		Vigente	
Qualificação Econômico-Financeira					Validade		Situação	
Certidão Negativa de Falência, Insolvência Civil ou Recuperação Judicial da Empresa, expedida pelo Distribuidor da sede da empresa					14/02/2025		Vigente	
Declaração de Informações Socioeconômicas e Fiscais - DEFIS (para optantes pelo Simples Nacional)					30/04/2025		Vigente	
Balanco Patrimonial e Demonst. Contábeis registrado na Junta Comercial ou estabelecimento competente, na forma da lei, último exercício social.					30/04/2025		Vigente	
BALANÇO PATRIMONIAL								
Ano de Referência	2022	Índice:						
		Liquidez Geral	1.67	Liquidez Corrente	2.19	Solvência Geral	2.05	
BALANÇO PATRIMONIAL								
Ano de Referência	2021	Índice:						
		Liquidez Geral	1.96	Liquidez Corrente	2.24	Solvência Geral	2.39	
A aceitação deste certificado está condicionada à verificação de sua autencidade no sítio www.compras.mg.gov.br								
Código de verificação: 204646158								



TRIBUNAL DE CONTAS DA UNIÃO

Consulta Consolidada de Pessoa Jurídica

Este relatório tem por objetivo apresentar os resultados consolidados de consultas eletrônicas realizadas diretamente nos bancos de dados dos respectivos cadastros. A responsabilidade pela veracidade do resultado da consulta é do Órgão gestor de cada cadastro consultado. A informação relativa à razão social da Pessoa Jurídica é extraída do Cadastro Nacional da Pessoa Jurídica, mantido pela Receita Federal do Brasil.

Consulta realizada em: 19/09/2024 14:39:43

Informações da Pessoa Jurídica:

Razão Social: **PHOENIX TECNOLOGIA EM SEGURANCA ELETRONICA LTDA**
CNPJ: **13.737.510/0001-98**

Resultados da Consulta Eletrônica:

Órgão Gestor: **TCU**
Cadastro: **Licitantes Inidôneos**
Resultado da consulta: **Nada Consta**

Para acessar a certidão original no portal do órgão gestor, clique [AQUI](#).

Órgão Gestor: **CNJ**
Cadastro: **CNIA - Cadastro Nacional de Condenações Cíveis por Ato de Improbidade Administrativa e Inelegibilidade**
Resultado da consulta: **Nada Consta**

Para acessar a certidão original no portal do órgão gestor, clique [AQUI](#).

Órgão Gestor: **Portal da Transparência**
Cadastro: **Cadastro Nacional de Empresas Inidôneas e Suspensas**
Resultado da consulta: **Nada Consta**

Para acessar a certidão original no portal do órgão gestor, clique [AQUI](#).

Órgão Gestor: **Portal da Transparência**
Cadastro: **CNEP - Cadastro Nacional de Empresas Punidas**
Resultado da consulta: **Nada Consta**

Para acessar a certidão original no portal do órgão gestor, clique [AQUI](#).

Obs: A consulta consolidada de pessoa jurídica visa atender aos princípios de simplificação e racionalização de serviços públicos digitais. Fundamento legal: Lei nº 12.965, de 23 de abril de 2014, Lei nº 13.460, de 26 de junho de 2017, Lei nº 13.726, de 8 de outubro de 2018, Decreto nº 8.638 de 15, de janeiro de 2016.



GOVERNO DO ESTADO DE MINAS GERAIS
SECRETARIA DE ESTADO DE PLANEJAMENTO DE GESTÃO
Sistema Integrado de Administração de Materiais e Serviços - SIAD

CERTIDÃO DO CADASTRO DE FORNECEDORES IMPEDIDOS DE LICITAR E CONTRATAR
COM A ADMINISTRAÇÃO PÚBLICA ESTADUAL – CAFIMP

(Emitido em atendimento ao disposto no artigo 52 do Decreto Estadual nº 45.902/2012*)

**Art. 52. É obrigatória a consulta prévia ao CAFIMP para:

I - realização de pagamentos;

II - celebração de convênios, acordos, ajustes, contratos e respectivos aditamentos, que envolvam desembolso, a qualquer título, de recursos públicos;

III - habilitação em processo licitatório."

CERTIDÃO NEGATIVA

Por meio deste instrumento, certifica-se que o fornecedor identificado pelo CNPJ nº **13.737.510/0001-98**, Nome Empresarial **PHOENIX TECNOLOGIA EM SEGURANCA ELETRONICA LTDA - ME**, não se encontra inscrito no Cadastro de Fornecedores Impedidos de Licitar e Contratar com a Administração Pública Estadual de Minas Gerais – CAFIMP.



Improbidade Administrativa e Inelegibilidade

Certidão Negativa

Certifico que nesta data (19/09/2024 às 14:43) NÃO CONSTA no Cadastro Nacional de Condenações Cíveis por Ato de Improbidade Administrativa e Inelegibilidade registros de condenação com trânsito em julgado ou sanção ativa quanto ao CPF nº 035.946.506-42.

A condenação por atos de improbidade administrativa não implica automático e necessário reconhecimento da inelegibilidade do condenado.

Para consultas sobre inelegibilidade acesse portal do TSE em <http://divulgacandcontas.tse.jus.br/>

Esta certidão é expedida gratuitamente. Sua autenticidade pode ser por meio do número de controle 66EC.62A6.AB8E.1782 no seguinte endereço: https://www.cnj.jus.br/improbidade_adm/autenticar_certidao.php



PODER JUDICIÁRIO
JUSTIÇA DO TRABALHO

CERTIDÃO NEGATIVA DE DÉBITOS TRABALHISTAS

Nome: PHOENIX TECNOLOGIA EM SEGURANCA ELETRONICA LTDA (MATRIZ E FILIAIS)

CNPJ: 13.737.510/0001-98

Certidão nº: 64664006/2024

Expedição: 19/09/2024, às 14:45:16

Validade: 18/03/2025 - 180 (cento e oitenta) dias, contados da data de sua expedição.

Certifica-se que **PHOENIX TECNOLOGIA EM SEGURANCA ELETRONICA LTDA (MATRIZ E FILIAIS)**, inscrito(a) no CNPJ sob o nº **13.737.510/0001-98**, **NÃO CONSTA** como inadimplente no Banco Nacional de Devedores Trabalhistas.

Certidão emitida com base nos arts. 642-A e 883-A da Consolidação das Leis do Trabalho, acrescentados pelas Leis ns.º 12.440/2011 e 13.467/2017, e no Ato 01/2022 da CGJT, de 21 de janeiro de 2022. Os dados constantes desta Certidão são de responsabilidade dos Tribunais do Trabalho.

No caso de pessoa jurídica, a Certidão atesta a empresa em relação a todos os seus estabelecimentos, agências ou filiais.

A aceitação desta certidão condiciona-se à verificação de sua autenticidade no portal do Tribunal Superior do Trabalho na Internet (<http://www.tst.jus.br>).

Certidão emitida gratuitamente.

INFORMAÇÃO IMPORTANTE

Do Banco Nacional de Devedores Trabalhistas constam os dados necessários à identificação das pessoas naturais e jurídicas inadimplentes perante a Justiça do Trabalho quanto às obrigações estabelecidas em sentença condenatória transitada em julgado ou em acordos judiciais trabalhistas, inclusive no concernente aos recolhimentos previdenciários, a honorários, a custas, a emolumentos ou a recolhimentos determinados em lei; ou decorrentes de execução de acordos firmados perante o Ministério Público do Trabalho, Comissão de Conciliação Prévia ou demais títulos que, por disposição legal, contiver força executiva.

Identificação do Contribuinte - CNPJ Matriz

CNPJ: **13.737.510/0001-98**

A opção pelo Simples Nacional e/ou SIMEI abrange todos os estabelecimentos da empresa

Nome Empresarial: **PHOENIX TECNOLOGIA EM SEGURANCA ELETRONICA LTDA**

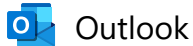
Situação Atual

Situação no Simples Nacional: **Optante pelo Simples Nacional desde 31/05/2011**

Situação no SIMEI: **NÃO enquadrado no SIMEI**

+ Mais informações

VoltarGerar PDF



Proposta e Documentos - Licitação 193/2024

De Phoenix - Wilson <wilson@phoenixseguranca.com>

Data Qui, 19/09/2024 13:43

Para Amarilis Assis Simao Curcio <amarilis@mpmg.mp.br>

 29 anexos (21 MB)

PROPOSTA ATUALIZADA_19 09 2024.pdf; 4ª Alteração Contratual.pdf; CNH-e - WILSON DUARTE.pdf; ANEXO V - DECLARAÇÕES.pdf; alarme catalogo hikvision_compressed.pdf; central hikvision_compressed.pdf; DS-PHA64-LP_Datasheet..._compressed.pdf; 101900003-Lithium-Manganese-Battery_Non-Rechargeable_Battery-Composition_20230316_compressed.pdf; Baseline_DS-PKF1-WE-Wireless-Keyfob_User-Manual_20200709_compressed.pdf; DS-PM1-I8O2-H_Datasheet_compressed.pdf; DS-PDP15P-EG2-WEB_Datasheet_20230717_compressed.pdf; UD33819B_Baseline_DS-PDP15P-EG2-WEB-PIR-Detector_Quick-Start-Guide_V1.0_20230630_compressed.pdf; UD33973B_Baseline_DS-PDP15P-EG2-WEB-WBB-PIR-Detector_User-Manual_V1.0_202306_compressed.pdf; DS-PK1-LRT-HWEHWB_Datasheet_compressed.pdf; UD24829B-C_Baseline_wired-keypad_operation-command_v1.0.3_202210_compressed.pdf; UD26880B-D_Baseline_DS-PK1-LRT-HWE-Wired-Keypad_User-Manual_V1.0.2_202210_compressed.pdf; DS-PM2-SAU_datasheet.doc_compressed.pdf; 101900205-Disposable-Lithium-Battery_Non-Rechargeable_Battery-Composition_20230316_compressed.pdf; DS-PM1-RT-HWE_Datasheet_20220616_compressed.pdf; UD28059B_Baseline_DS-PM1-RT-HWE-Receiver_User-Manual_V1.0_20230522_compressed.pdf; Adendo_IVA_7100_Dual_Quad_Hexa_Octa_02-21_site_compressed.pdf; CHANGELOG - IVA 7100 V5.3_compressed.pdf; Datasheet_-_IVA_7100_Dual_Quad_Hexa_Octa_02-21_2_compressed.pdf; Manual_IVA_7100_Dual_Quad_Hexa_Octa_01-23_site_compressed.pdf; DS-PDP18-HM_Datasheet_20230811_compressed.pdf; SIRENE_11-taty - -taty-vip_compressed.pdf; PHOENIX SEGURANCA_Relatorio_Crc_Fornecedor_16 09 2024.pdf; GERAL .png; DESCRIÇÃO GERAL .png;

Prezado,

Conforme combinado, segue a documentação solicitada via chat.

Estamos a disposição para o que mais for necessário.

Atenciosamente,



WILSON DUARTE

Gerente Operacional

wilson@phoenixseguranca.com

Tel.: (31) 3321-2838 / 3392-4513 / 99601-6018

www.phoenixseguranca.com



phoenixsegurancabh



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Não contém vírus. www.avg.com



RE: Proposta e Documentos - Licitação 193/2024

De Amarilis Assis Simao Curcio <amarilis@mpmg.mp.br>

Data Qui, 19/09/2024 14:30

Para Phoenix - Wilson <wilson@phoenixseguranca.com>

Sr. Licitante F00091, boa tarde.

Sua proposta ajustada e documentação foram recebidos e encontram-se sob análise. Favor manter comunicação via chat do pregão. A sessão foi suspensa, conforme comunicado no chat do pregão, e será retomada amanhã, às 10:00. Grata.



Amarilis Assis Simão Curcio

Analista do MP

Diretoria de Gestão de Compras e Licitações

Av. Álvares Cabral, nº 1.740, 6º andar, Santo Agostinho - Belo Horizonte - MG - CEP:
30170-008

Tel.: (31) 3330-8128 e 3330-8129

De: Phoenix- Wilson <wilson@phoenixseguranca.com>

Enviado: quinta-feira, 19 de setembro de 2024 13:37

Para: Amarilis Assis Simao Curcio <amarilis@mpmg.mp.br>

Assunto: Proposta e Documentos- Licitação 193/2024

Prezado,

Conforme combinado, segue a documentação solicitada via chat.

Estamos a disposição para o que mais for necessário.

Atenciosamente,



WILSON DUARTE

Gerente Operacional

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