

DS-PD2-P10PE

10m Digital Pet Immune PIR Detector

EN50131-2-2:2008 Security Grade (SG) 2
EN50131-1:2006+A1:2009 Environmental Class (EC) II



Diagram references

- 1 A Printed Circuit Board (PCB) D Lens Collet G Casing Screw
B LED Light Pipe E PCB Screw
C Lens F Nut

2 PCB Configuration(including PIR sensitivity)

3 Mounting Options

4 EOL Resistor Headers: The DS-PD2-P10PE has 2 sets of header pins. These headers are used to select the End of Line resistance for EOL wiring applications. NOTE: If EOL wiring is not used, leave the headers OFF.

5 Remote LED Enable: This is used when the LED is disabled via the LED ON/OFF link. To enable this feature the LED terminal needs to be connected to an output on the control panel. When the system is in walk test mode the output should be at 0v. For Pyronix panels the output would usually be programmed as 'Remote LED enable'.

6 A N/C - Normally Closed Wiring (EXAMPLE ONLY, SEE CONTROL PANEL INSTRUCTIONS)

B DEOL Wiring (EXAMPLE ONLY, SEE CONTROL PANEL INSTRUCTIONS)

C Generic Control Panel (SHOWS RESISTOR LOCATIONS)

7 Powering Up: When the detector is first powered up, it will run through a self-test routine (indicated by the flashing blue LED). Once the LED goes out the detector is ready to use.

8 The 10m Pet Lens.

9 Dimensions and Weight

Technical Specification

Optical and Range Features	
Coverage	85°, 56 zones, and 6 planes
Maximum Range	10m
Optimal installation Height	1.8-2.4m
Key Features	
Animal immune	24kg
Blue Wave Technology	Yes
Automatic sensitivity	Yes
Digital temperature compensation	Yes
DEOL resistors on board	Yes
Tamper protection included	Yes
Other Details	
Power Supply	9-16 VDC (12VDC nominal)
Current Consumption at Rest	11mA
Current Consumption in Alarm	13mA
Relay Type	Solid state
Outputs Relay	60 VDC, 50mA protection
Tamper Terminal	12 VDC max, 50mA max
Alarm Response	2.5 s
Detection Speed	0.3 - 3m/s
Optics	Sealed
Geometric Lens Configuration	3D
Accessories	
Ceiling bracket Included	Yes
Wall Bracket Included	Yes

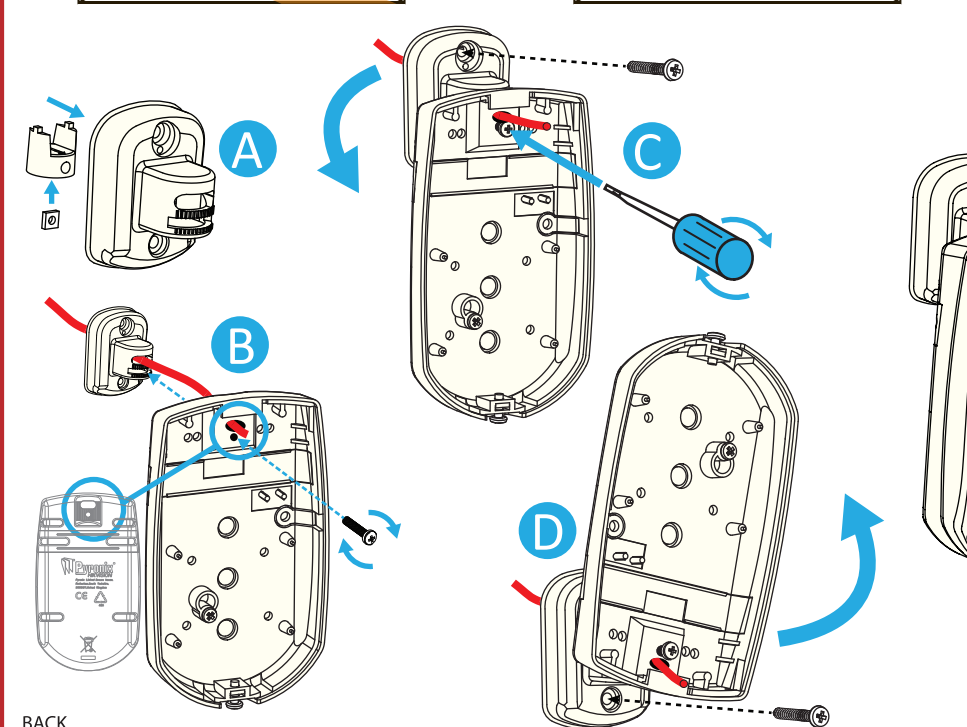
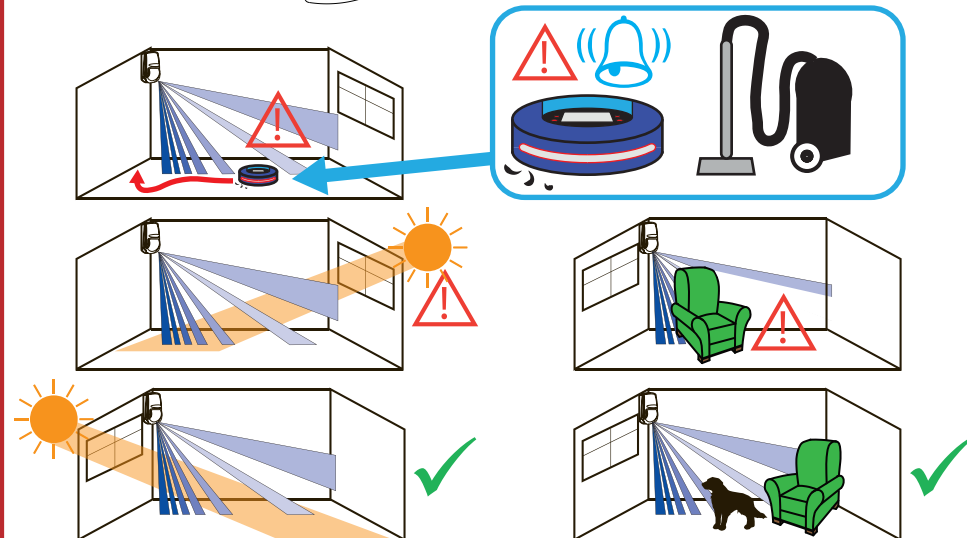
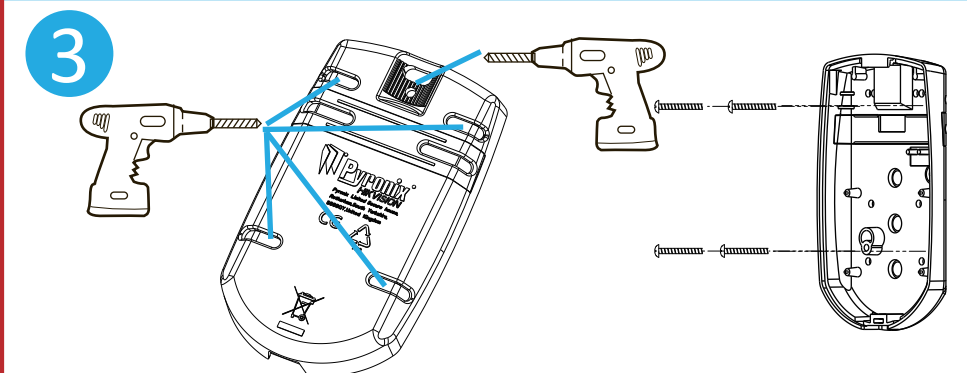
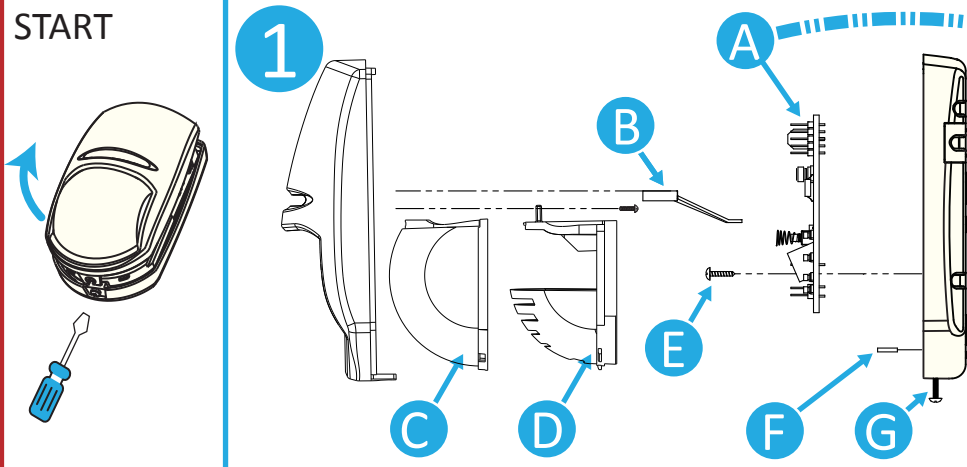
Product Information

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About this Manual
This manual is applicable to detector.
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 in the company website (<http://overseas.hikvision.com/en/>).
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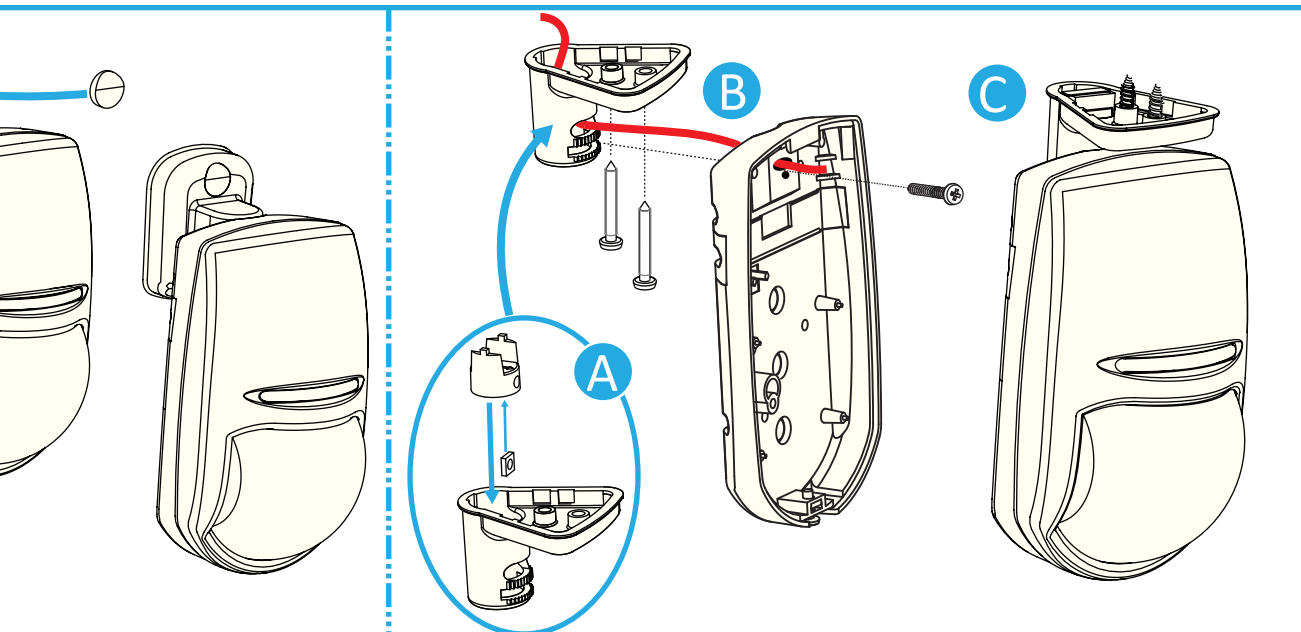
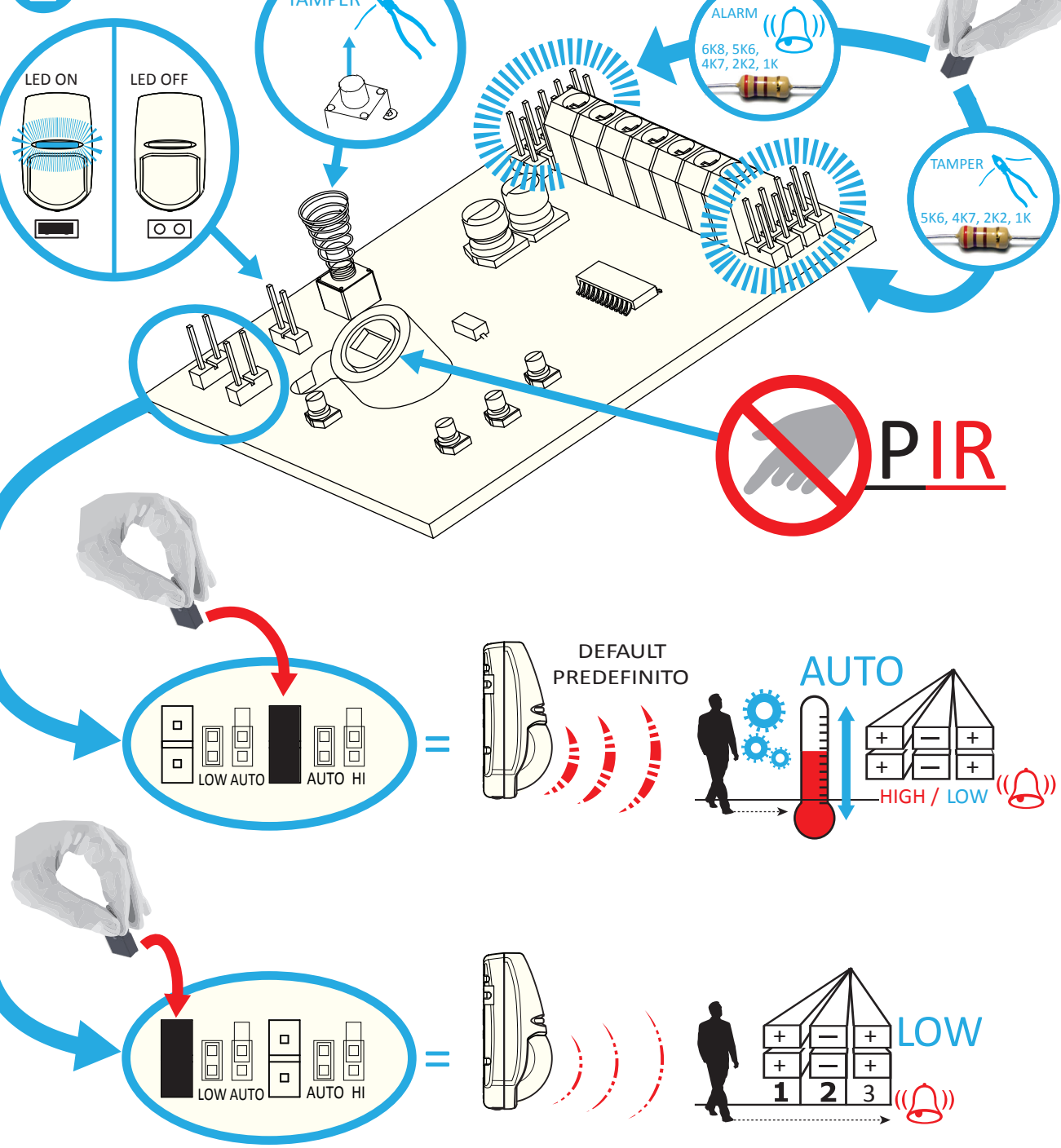
This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the RE Directive 2014/53/EU, the EMC Directive 2014/30/EU, the LVD Directive 2014/35/EU, the RoHS Directive 2011/65/EU.

START

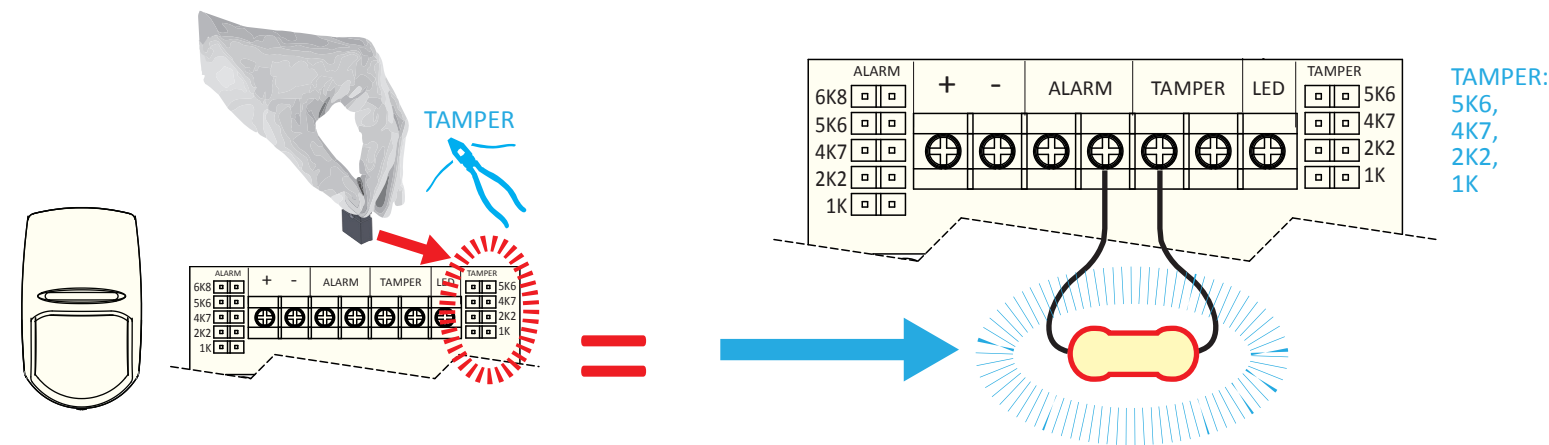
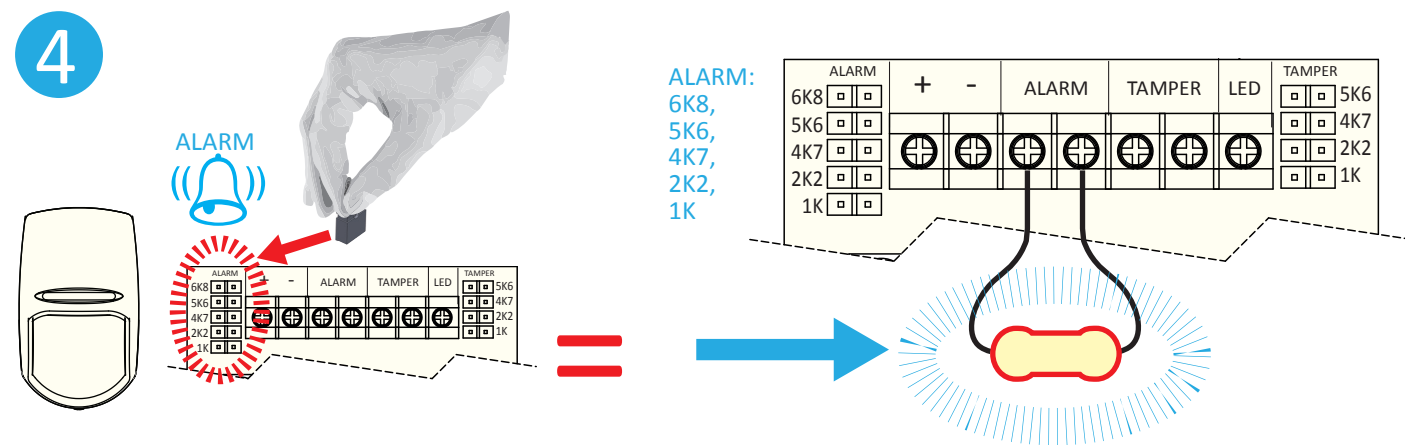


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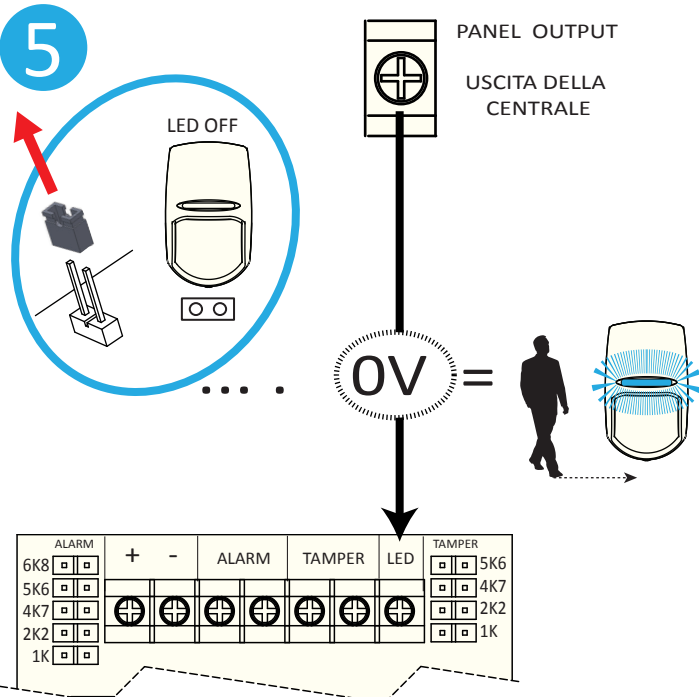
2 PCB



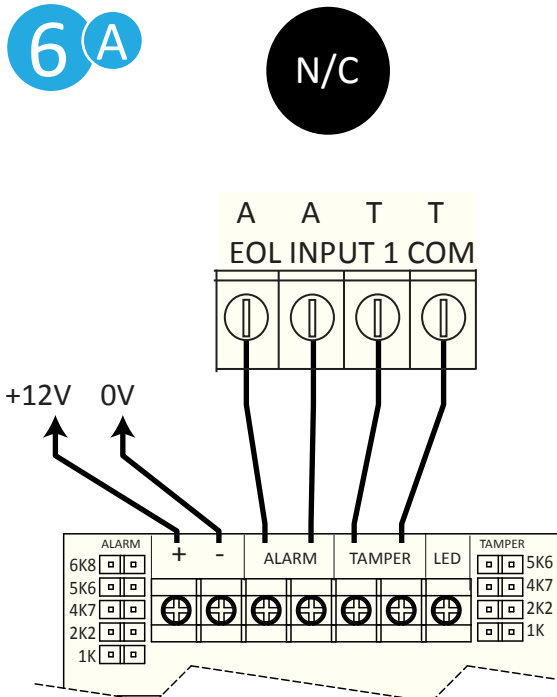
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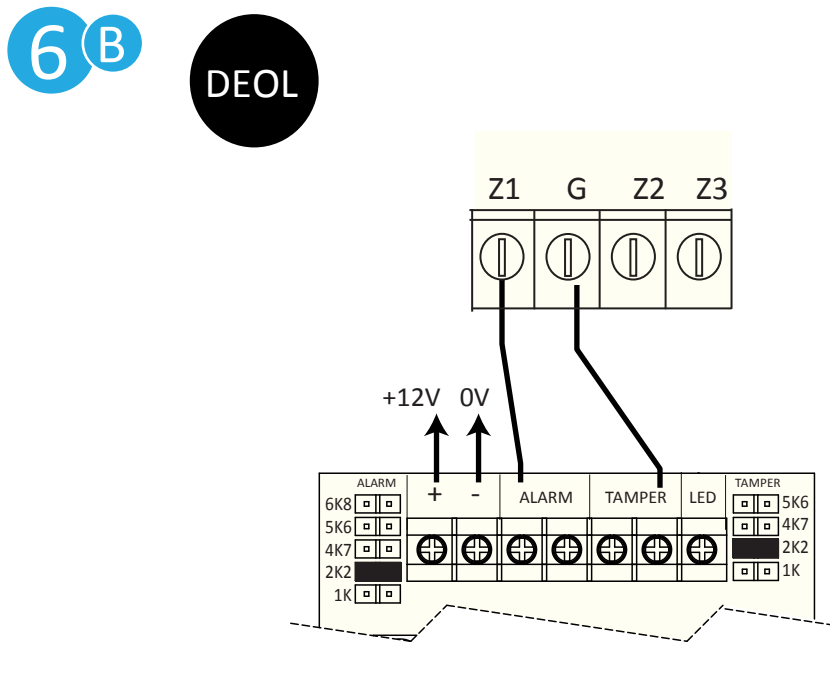
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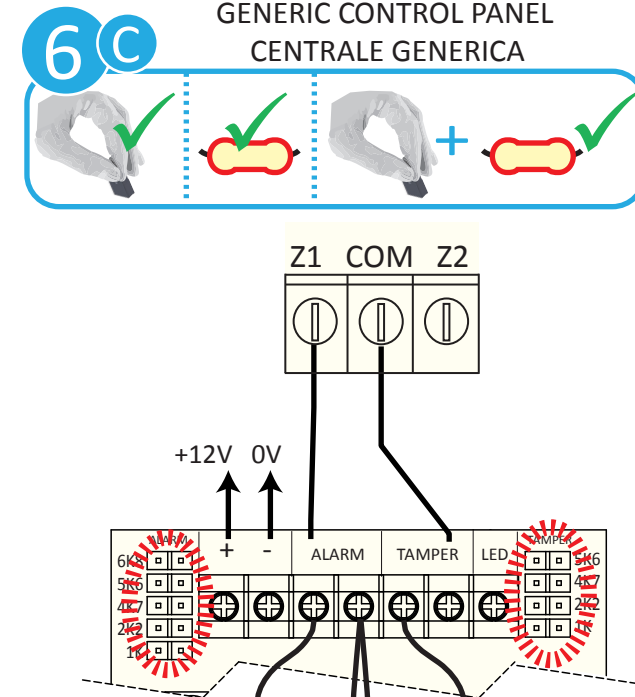
6A



6B



6C



FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

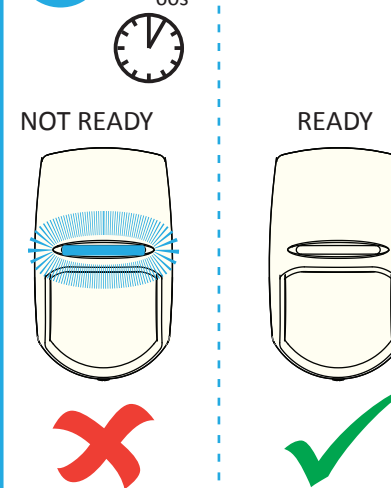
1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

The Input voltage should meet both the SELV (Safety Extra Low Voltage) and the Limited Power Source according to the IEC60950-1 standard. Please refer to technical specifications for detailed information.

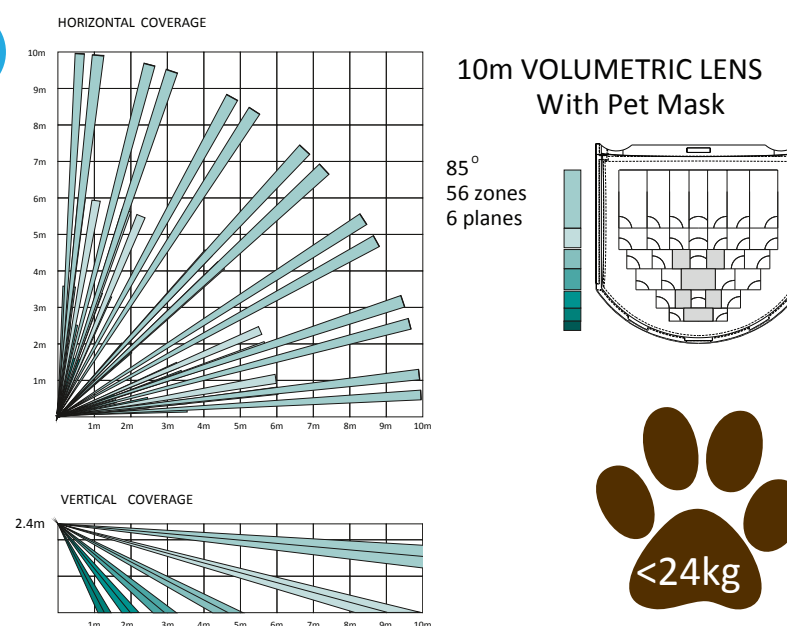


For electrical products sold within the European Community. At the end of the electrical products life, it should not be disposed of with household waste. Please recycle where facilities exist. Check with your local Authority or retailer for recycling advice in your country.

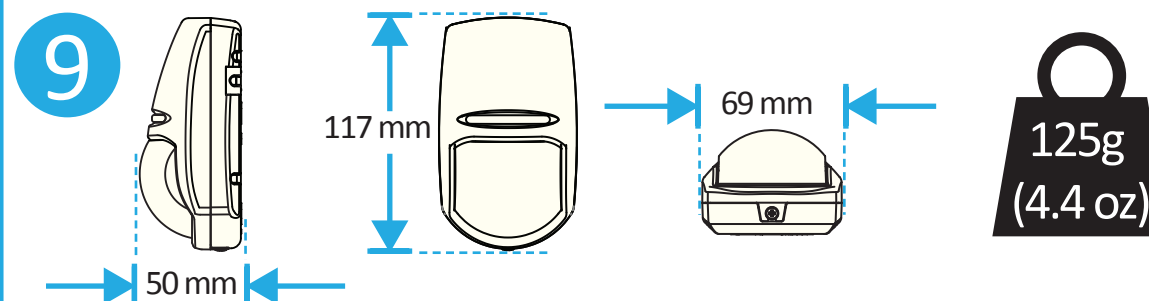
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8



9



END

FRANÇAIS

Références du schéma		
1	A Circuit imprimé (PCB) B Conducteur de lumière LED C Objectif	D Douille de la lentille E Vis du PCB F Écrou G Vis du boîtier
2	Configuration du Carte de circuit imprimé (comprenant la sensibilité Détecteur PIR)	
3	Options de fixation	
4	Embases de résistance EOL : Le DS-PD2-P10PE compte 2 séries de broches de connexion. Ces embases sont utilisées pour choisir la résistance en extrémité de ligne des applications de câblage EOL. REMARQUE : Si vous n'utilisez pas de câblage EOL, laissez les embases désactivées.	
5	Activation de la LED à distance : Cette fonction s'utilise lorsque la LED est désactivée, via la liaison d'activation/de désactivation de la LED. Pour activer cette fonctionnalité, la borne de LED doit être connectée à une sortie du panneau de commandes. Lorsque le système est en mode Essai de marche, la sortie doit être à 0 V. Pour les panneaux Pyronix, la sortie sera généralement réglée sur « Activation de la LED à distance ».	
6	A N/C - Câblage normalement fermé (UNIQUEMENT À TITRE D'EXEMPLE, REPORTEZ-VOUS AUX INSTRUCTIONS DU PANNEAU DE COMMANDES) B Câblage DEOL (UNIQUEMENT EN GUISE D'EXEMPLE, REPORTEZ-VOUS AUX INSTRUCTIONS DU PANNEAU DE COMMANDES) C Panneau de commandes générique (INDIQUE LES EMPLACEMENTS DES RÉSISTANCES)	
7	Mise sous tension : Lorsque le détecteur est mis sous tension pour la première fois, il exécute une routine de test automatique (indiquée par le clignotement bleu de la LED). Une fois la LED éteinte, le détecteur est prêt à l'emploi.	
8	Objectif tolérant aux animaux domestiques, 10 m	9 Dimensions et poids

Spécifications techniques

Caractéristiques optiques et de portée

Zone de couverture : 85°, 56 zones et 6 plans
Portée maximale : 10 m
Hauteur d'installation optimale : 1,8-2,4 m

Caractéristiques principales

Immunité aux animaux : 24 kg
Technologie Blue Wave
Sensibilité automatique
Compensation numérique de la température
Résistances DEOL intégrées
Protection anti-sabotage incluse
Source d'alimentation : 9 à 16 V CC (12 V CC nominale)
Consommation de courant au repos : 11 mA
Consommation de courant en alarme : 13 mA
Type de relais : À semiconducteurs
Sorties relais : Protection 60 V CC, 50 mA
Terminal anti-sabotage : 12 V CC max, 50 mA max
Activation de l'alarme : 2,5 s
Vitesse de détection : 0,3 à 3m/s
Optiques : Scellées
Configuration géométrique de la lentille : 3D

Autres détails

Température de fonctionnement : -10 °C à 40 °C (certifiée)
Poids : 125 g
Dimensions (H x l x P) : 117 x 69 x 50 mm

Accessoires

Support de montage au plafond inclus
Support de montage mural inclus

PORTUGUÊS

Referências do diagrama		
1	A Placa de circuito impresso (PCB) B Tubo de luz de LED C Lente	D Encaixe da lente E Parafuso da PCB F Porca G Parafuso do invólucro
2	Configuração da PCB (incluindo a sensibilidade do PIR)	
3	Opções de montagem	
4	Cabeçotes do resistor de EOL : o DS-PD2-P10PE tem dois conjuntos de pinos de cabeçotes. Esses cabeçotes são usados para selecionar a resistência de fim de linha para aplicações de fiação EOL. OBSERVAÇÃO: Se a fiação EOL (fim de linha) não for usada, deixe os cabeçotes DESLIGADOS.	
5	Habilitação de LED remota : isso é usado quando o LED for desabilitado por meio do link LED LIGADO/DESLIGADO. Para habilitar esse recurso, o terminal do LED precisa estar conectado a uma saída no painel de controle. Quando o sistema estiver no modo de teste de caminhada, a saída deve estar em 0 V. Para os painéis Pyronix, a saída normalmente é programada como "Habilitação de LED remota".	
6	A N/F - Fiação normalmente fechada (SOMENTE COMO EXEMPLO. CONSULTE AS INSTRUÇÕES DO PAINEL DE CONTROLE) B Fiação DEOL (SOMENTE COMO EXEMPLO. CONSULTE AS INSTRUÇÕES DO PAINEL DE CONTROLE) C Painel de controle genérico (MOSTRA OS LOCAIS DOS RESISTORES)	
7	Ligar : quando o detector for ligado pela primeira vez ele passará por uma rotina de autoteste (indicada pelo LED azul piscando). Depois que o LED desligar, o detector estará pronto para uso.	
8	Lente de 10 m para animais.	9 Dimensões e peso

Especificação técnica

Recursos ópticos e de alcance

Cobertura: 85°, 56 zonas e 6 planos
Alcance máximo: 10 m
Altura ideal de instalação: 1,8 a 2,4 m

Recursos principais

Imunidade a animais: 24 kg
Tecnologia Blue Wave
Sensibilidade automática
Compensação de temperatura digital
Resistores de DEOL integrados
Proteção anti violação incluída
Fonte de alimentação: 9 a 6 VCC (12 VCC nominal)
Consumo de corrente em repouso: 11 mA
Consumo de corrente em alarme: 13 mA
Tipo de relé: estado sólido
Relé de saída: 60 VCC, proteção 50 mA
Terminal anti violação: máx. de 12 VDC e 50 mA
Resposta do alarme: 2,5 s
Velocidade de detecção: 0,3 a 3 m/s
Óptica: selado
Configuração de lente geométrica: 3D

Outros detalhes

Temperatura de operação: -10 °C a 40 °C (certificado)
Peso: 125 g
Dimensões (A x L x P): 117 x 69 x 50 mm

Acessórios

Suporte de teto incluído
Suporte de parede incluído

ITALIANO

Riferimento schemi		
1	A Circuito stampato (PCB) B Illuminazione tubolare a LED C Ottica	D Chiusura obiettivo E Vite PCB F Dado G Vite custodia
2	Configurazione PCB (sensibilità PIR compresa)	
3	Opzioni di montaggio	
4	Jumper resistenze EOL : l'unità DS-PD2-P10PE ha 2 set di pin di connessione. Questi jumper vengono utilizzati per selezionare la resistenza di fine linea per il cablaggio EOL. NOTA: Se non si utilizza il cablaggio EOL, lasciare i jumper su OFF.	
5	Abilitazione LED remoto : viene utilizzata quando il LED è disattivato tramite il link LED ON/OFF. Per attivare questa funzione il terminale LED deve essere collegato a un'uscita della centrale. Quando il sistema è in modalità walk test l'uscita deve essere a 0 V. Per le centrali Pyronix l'uscita è normalmente programmata come 'Abilitazione remota LED'.	
6	A N/C: cablaggio normalmente chiuso (SOLO ESEMPLIFICATIVO, VEDERE LE ISTRUZIONI DELLA CENTRALE) B Cablaggio DEOL (SOLO ESEMPLIFICATIVO, VEDERE LE ISTRUZIONI DELLA CENTRALE) C Centrale generica (MOSTRA LA POSIZIONE DELLE RESISTENZE)	
7	Accensione : alla prima accensione, il rilevatore esegue una procedura di auto-test (indicata dal LED blu lampeggiante). Quando il LED si spegne il rilevatore è pronto all'uso.	
8	Obiettivo per animali domestici da 10 m.	9 Dimensioni e peso

Specifiche tecniche

Caratteristiche ottiche e di portata

Copertura: 85°, 56 zone e 6 piani
Portata massima: 10 m
Altezza di installazione ottimale: 1,8-2,4 m

Funzioni principali

Immunità agli animali: 24 kg
Tecnologia Blue Wave
Sensibilità automatica
Compensazione digitale della temperatura
Resistenze DEOL sulla scheda
Protezione antimanomissioni inclusa
Alimentazione: 9-16 V CC (12 V CC nominale)
Assorbimento di corrente a riposo: 11 mA
Assorbimento di corrente in stato di allarme: 13 mA
Tipo di relè: A stato solido
Relè di uscita: 60 V CC, protezione 50 mA
Terminale antimanomissione: 12 V CC max, 50 mA max
Risposta agli allarmi: 2,5 s
Velocità di rilevamento: 0,3 - 3 m/s
Componenti ottici: sigillati
Configurazione geometrica dell'obiettivo: 3D

Altri dettagli

Temperatura di esercizio: Da -10 °C a 40 °C (certificata)
Peso: 125 g
Dimensioni (A x L x P): 117 x 69 x 50 mm

Accessori

Staffa a soffitto inclusa
Staffa a parete inclusa

ESPAÑOL

Referencias del diagrama		
1	A Placa de circuito impreso (PCB, por sus siglas en inglés) B Tubo de luz LED C Lente	D Pinza de lente E Tornillo de la placa de circuito impreso F Tuerca G Tornillo de la carcasa
2	Configuración de la placa de circuito impreso (incluyendo la sensibilidad del PIR)	
3	Tipos de montaje	
4	Cabezales de resistencia de fin de línea (EOL, por sus siglas en inglés) : El DS-PD2-P10PE tiene 2 conjuntos de clavijas de cabezal. Se utilizan para seleccionar la resistencia de fin de línea de las aplicaciones de cableado EOL. NOTA: Si no usa un cableado de fin de línea, ponga los cabezales en modo OFF (DESACTIVADOS).	
5	Habilitar el LED remoto : Esta función se utiliza cuando el LED se desactiva por medio del enlace LED ENCENDIDO/APAGADO. Para activar esta función, el terminal LED tiene que estar conectado a una salida en el panel de control. Cuando el sistema esté efectuando una prueba de control de presencia, la salida tiene que estar a 0 V. La salida de los paneles Pyronix debería estar programada como "habilitar Led remoto".	
6	A N/C - Cableado normalmente cerrado (SOLAMENTE A MODO DE EJEMPLO, CONSULTE LAS INSTRUCCIONES DEL PANEL DE CONTROL) B Cableado DEOL (SOLAMENTE A MODO DE EJEMPLO, CONSULTE LAS INSTRUCCIONES DEL PANEL DE CONTROL) C Panel de control general (MUESTRA LA LOCALIZACIÓN DE LA RESISTENCIA)	
7	Encendido : La primera vez que se encienda el detector, realizará unas pruebas de autoverificación (se indicarán por medio de un LED azul parpadeante). Cuando el LED se apague, el detector estará listo para usarse.	
8	Lentes de mascotas a 10 m.	9 Dimensiones y peso

Especificaciones técnicas

Características ópticas y de alcance

Alcance: 85º, 56 zonas y 6 planos.
Alcance máximo: 10 m
Altura de instalación óptima: 1,8-2,4 m

Funciones claves

Inmunidad a mascotas: 24 kg
Tecnología Blue Wave
Sensibilidad automática
Compensación de temperatura digital
Resistencias DEOL incorporadas
Protección contra manipulaciones incluida
Alimentación eléctrica: 9-16 V CC (12 V CC nominal)
Consumo de corriente en reposo: 11 mA
Consumo de corriente en alarma: 13mA
Tipo de relé: De estado sólido
Relé de salidas: protección de 60 V CC, 50 mA.
Terminal de seguridad: 12 V CC máx., 50 mA máx.
Respuesta de alarma: 2,5 s
Velocidad de detección: 0,3-3 m/s
Óptica: Sellada
Configuración de lente geométrica: 3D

Otra información

Temperatura de funcionamiento: -10 °C a 40 °C (certificado)
Peso: 125 g
Dimensiones (alto x ancho x profundidad): 117 x 69 x 50 mm

Accesorios

Soporte de montaje en techo incluido.
Soporte de montaje en pared incluido.

