

# DS-PD2-T10AME-EH

## 10m Pet Immune External Detector

**HIKVISION**

EN50131-2-4:2008  
EN50131-1:2006+A1:2009  
Security Grade (SG) 2  
Environmental Class (EC) IV



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 RoHS Directive 2011/65/EU.



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.

### Diagram References

**A** Anti-Masking: The DS-PD2-T10AME-EH uses the patented Anti-Masking technology to detect when one or both PIR detectors as well as the Microwave module are Masked.

The detector is able to detect aluminium foil, spray and any object position on or in front of the detector with the purpose of obstructing the field of view of the PIR or MW sensors.

**A1** The masking area is adjustable between 0 to 1M.

**A2** If the masking area is entered the Blue LED starts flashing to show that the area has been compromised. If the obstacle is removed after 30 seconds and the BLUE alarm LED have activated the detector will reset to normal. If the obstacle still remains after 1 minute, the MASK and ALARM relay will open and the Green and Orange LEDs will be permanently activated. To reset the detector, the obstacle must be removed and a walk test should be done.

**A3** The Anti-Masking can be disabled when the panel is armed. For this the RI terminal has to be connected to an output of the panel which is POSITIVE when ARMED. To enable this feature also, switches 2 and 4 must be OFF.

**B** Blocking: This feature allows the detection of obstruction located at 10M or less and is used when the panel is disarmed. When the blocking feature is active the Alarm relay will open and the Green and Orange LEDs will be activated. To reset the blocking XD should be walk tested so that both PIRs and MW sensors are activated.

**B1** To enable the feature, switches 3 and 4 must be OFF and the RI input should be connected to an output on the control panel which gives a NEGATIVE when DISARMED and a POSITIVE when ARMED.

### Technical Specification

Detectors Technical Characteristics		Detectors Technical Characteristics	
Automatic Sensitivity	Yes	Maximum Range	30m
DEOL Temperature Compensation	Yes	Volumetric Coverage	Yes
DEOL Resistor on Board	Yes	Curtain Coverage	Optional
Tamper Protection	Front, and rear	Alarm Immunity	30kg
Integrated Walk Test Buzzer	Yes	Tri Technology	2 Infrared and 1 microwave
Separate LED Indication	Yes	Detection Speed	0.25 - 2.5m/s
1 Microwave Frequencies to Avoid	Yes	Coverage Angle	90 degree
Digital Independent Floating	Yes	Detection Zones	2
Anti-Sway Analytics	Yes	Detection Planes	2
Adjustable Sensitivity	Auto or high	Adjustable Antismasking (Antispray)	Yes
Operating Voltage	9-16VDC, 13.8VDC typically	Protection	Ultraviolet light filter
Quiescent Current Consumption	67mA @ 13.8VDC	Lens	2.4mm 5 volumetric lens (UV Compensated)
Relay Outputs	1 x 5A/120VAC, 50VDC 50mA (42-24VAC peak)	Optics	Sealed optics
Tamper Switch	12VDC 50mA both front and rear	Detection Method	2 low noise dual element passive infrared
Anti Blocking Technology	Yes	Anti Blocking Technology	Yes
Environmental and Operating Features	Warning	Wall Mounted	Yes - additional wall and fixed brackets
Operating Temperature	-25 °C to +60 °C (Certified)	Optimum Coverage Height	1.8-2.4m
Physical Dimensions (H x W x D)	158 x 64 x 77 mm		
Weight	300g		

### Optional Accessories

- C** Adjustable Lens Masks
- D** FIXEDBRACKET + Fixed Lens Mask
- E** WALLBRACKET + XD-45D-ADAPTER

### Warning

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### Product Information

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About this Manual

This manual is applicable to detector.

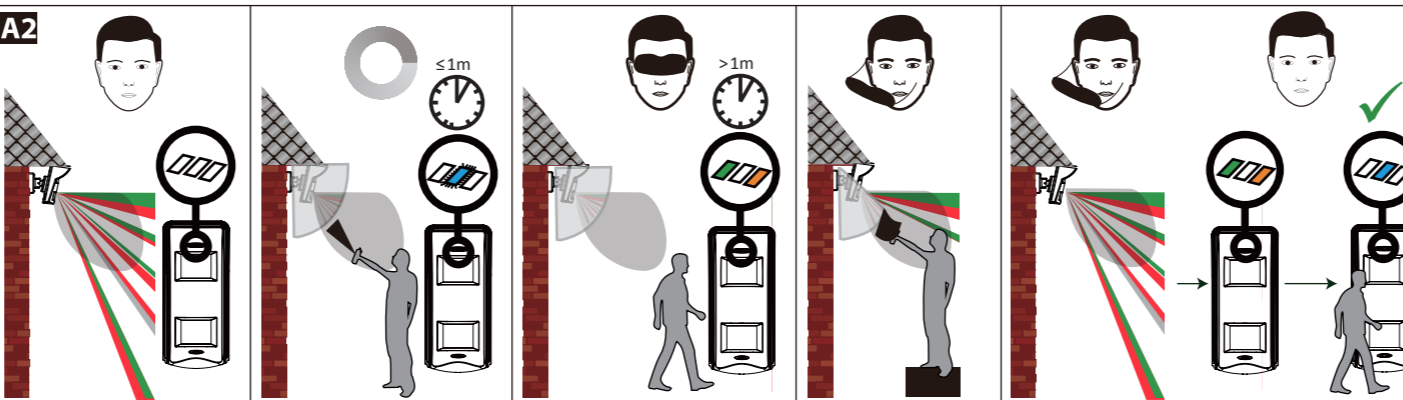
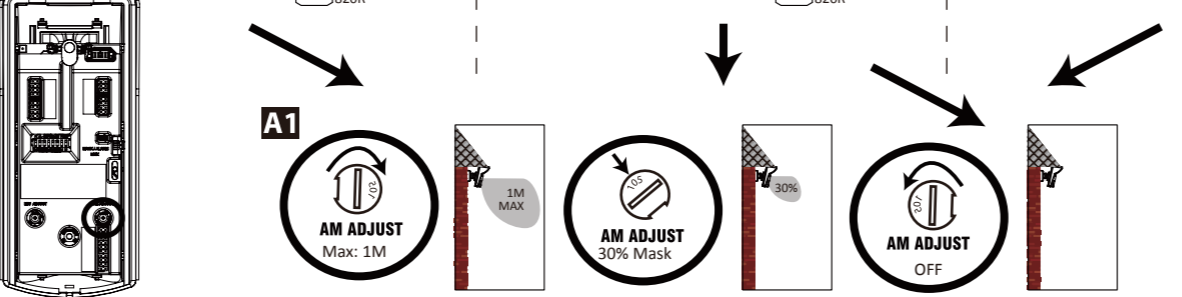
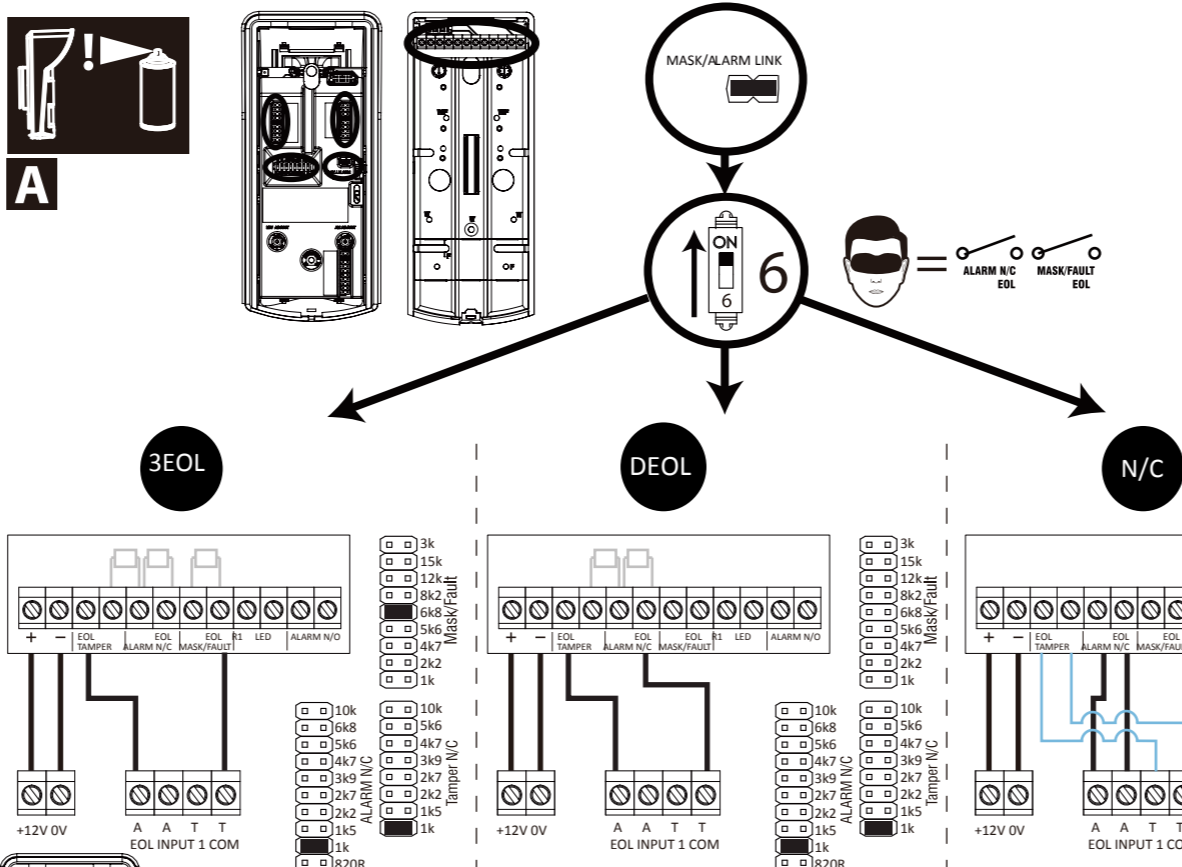
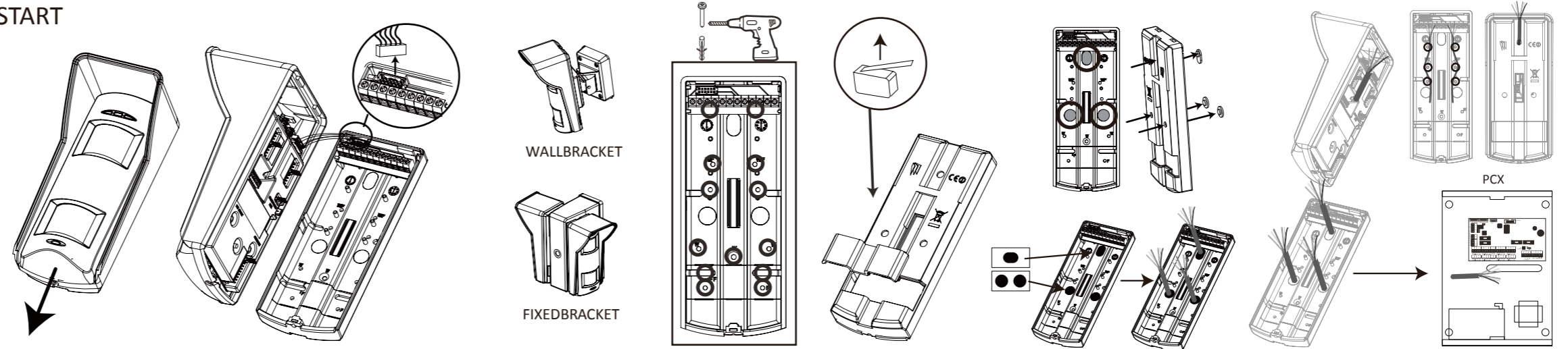
The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please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

Please use this user manual under the guidance of professionals.

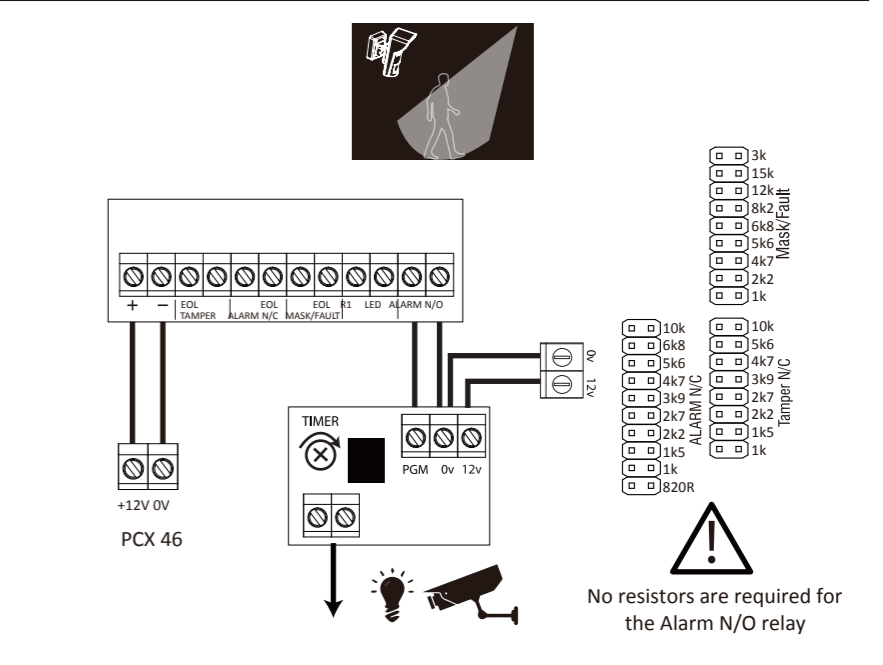
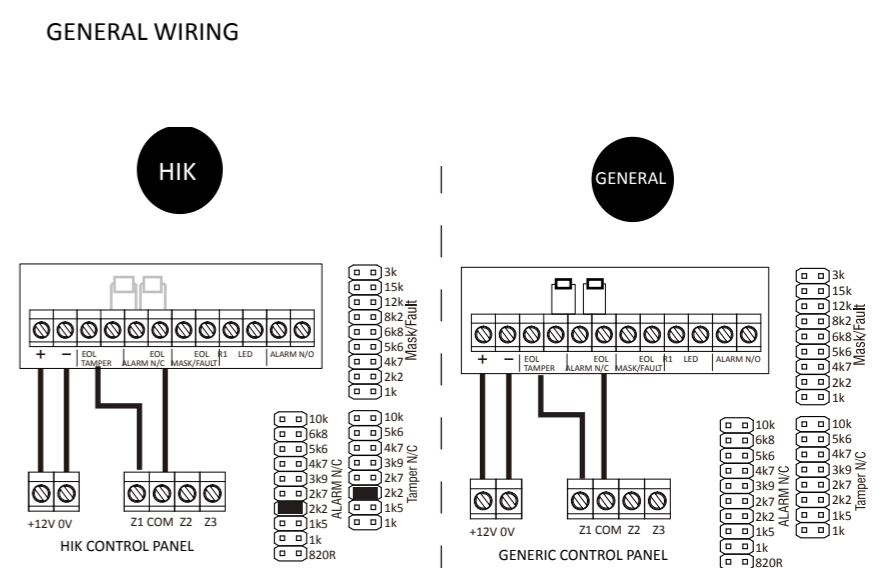
Trademarks Acknowledgement

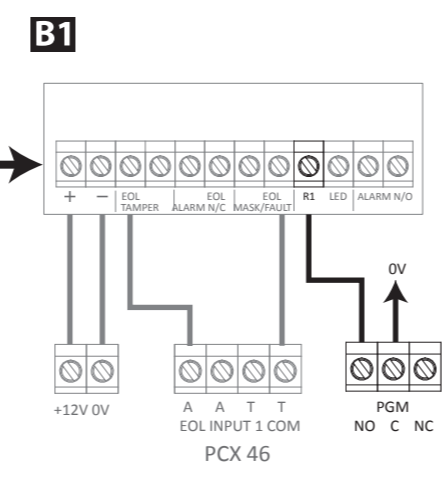
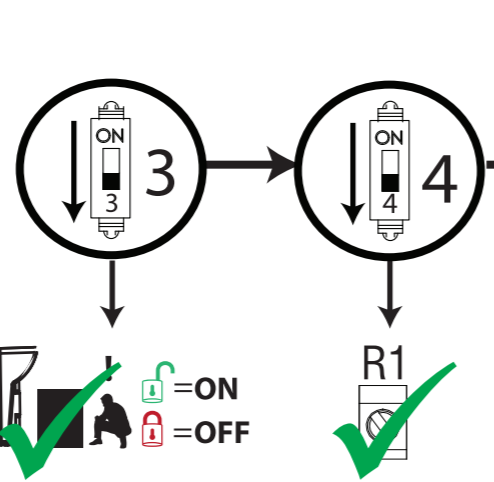
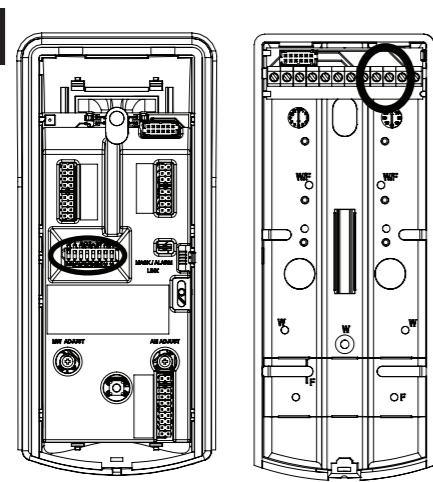
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## START



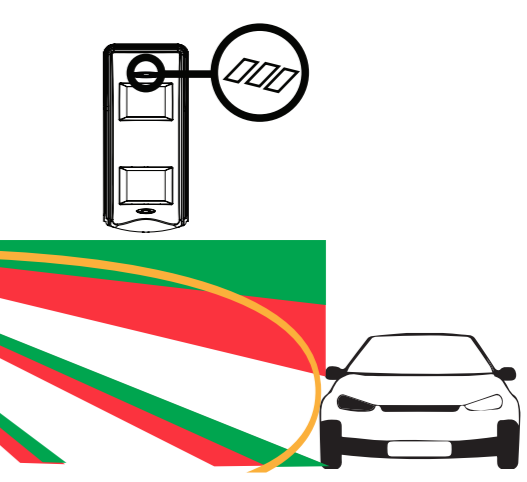
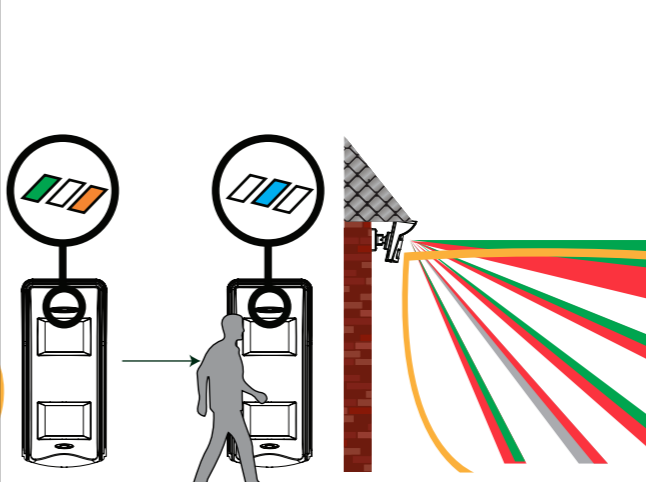
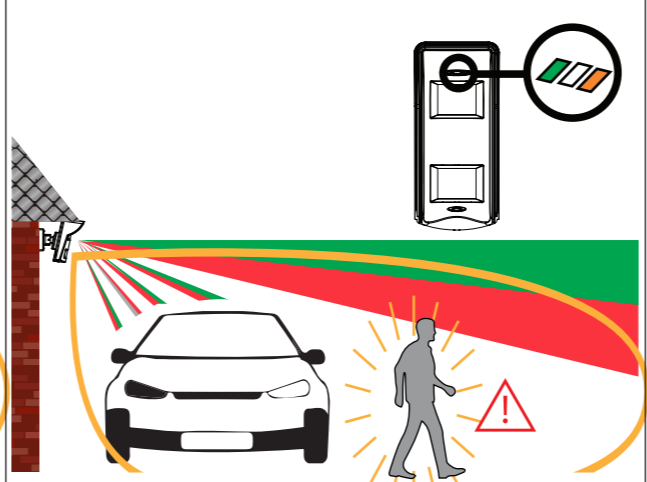
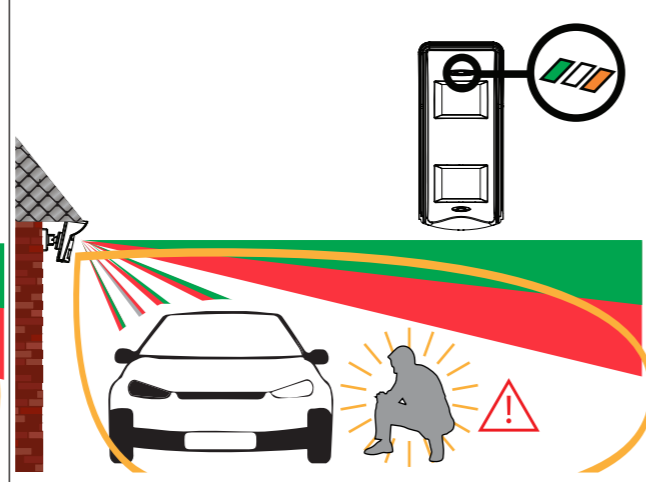
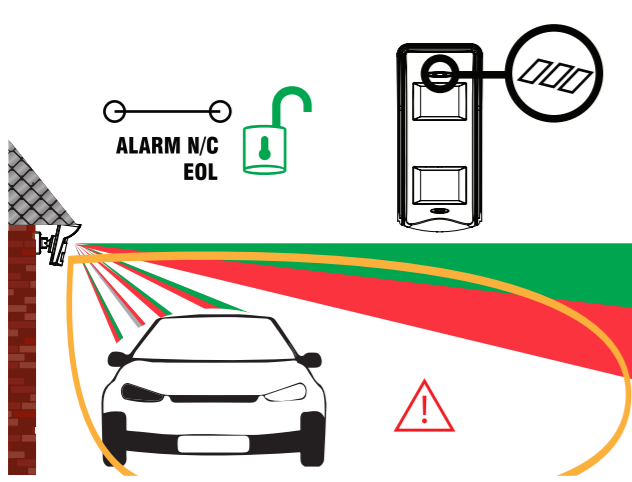
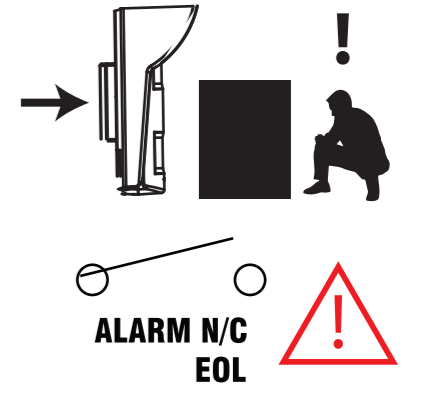
The Input voltage should meet both the SELV (Safety Extra Low Voltage) and the Limited Power Source according to the IEC60950-1 standard. Please refer to technical specifications for detailed information.





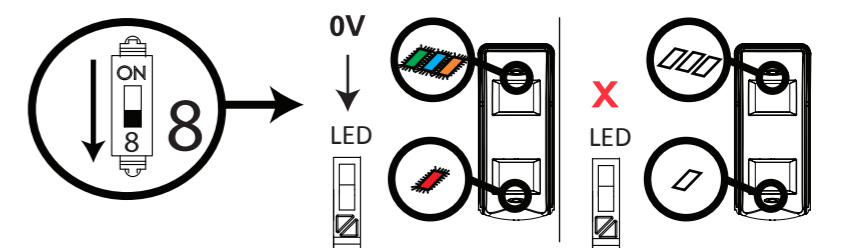
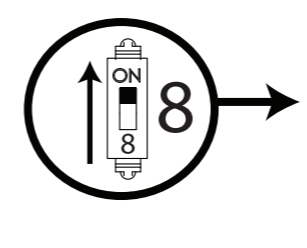
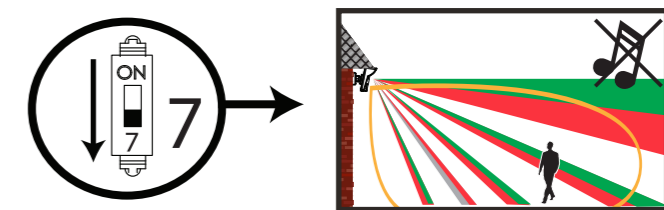
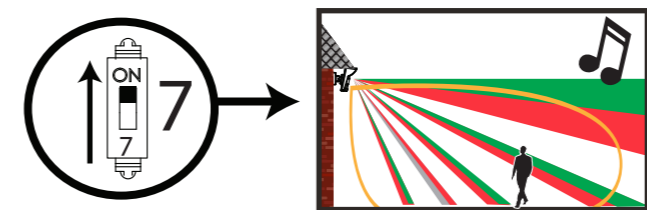
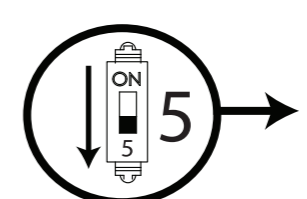
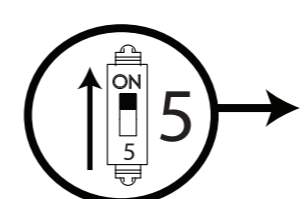
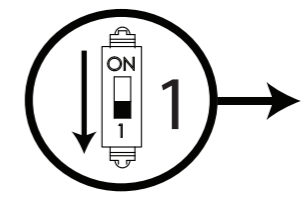
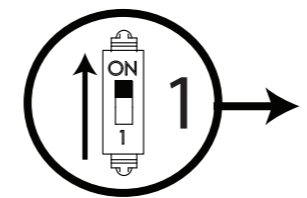
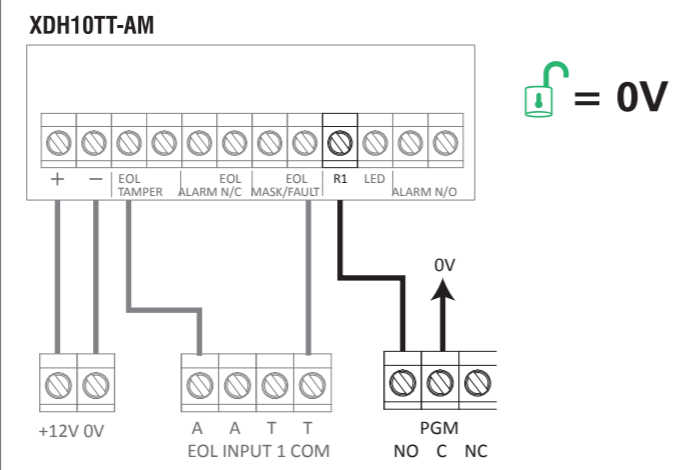
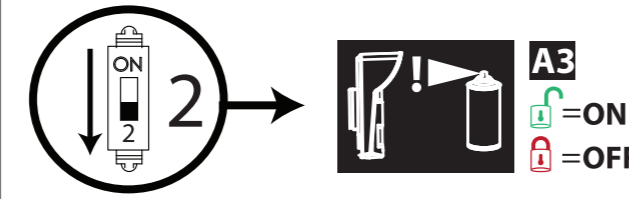
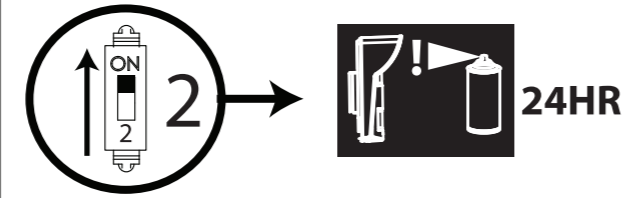
→ = 0V →

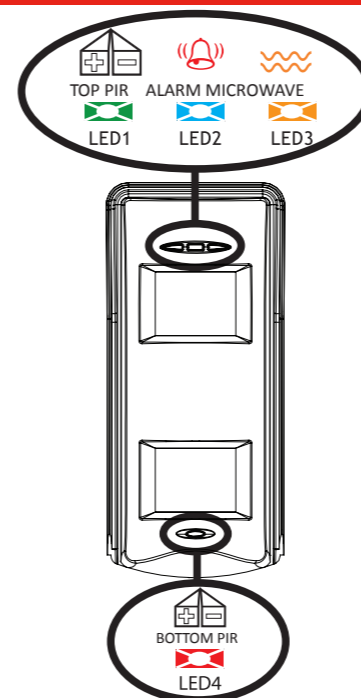
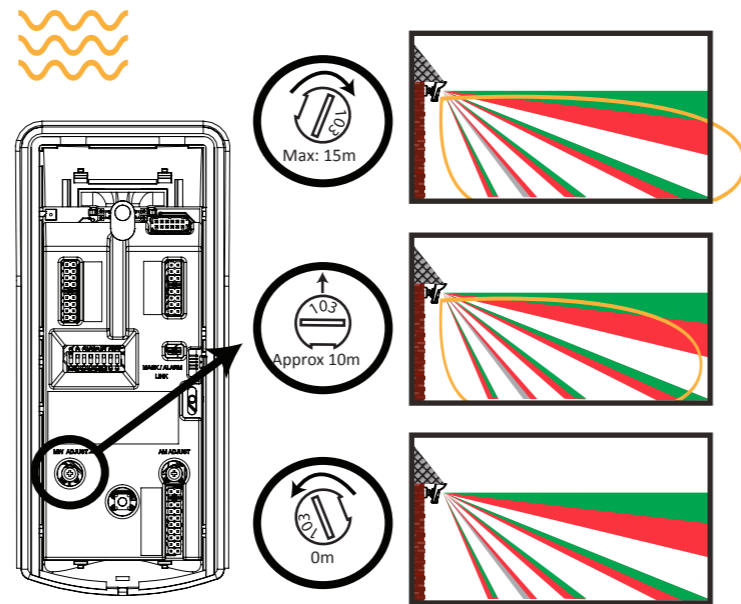
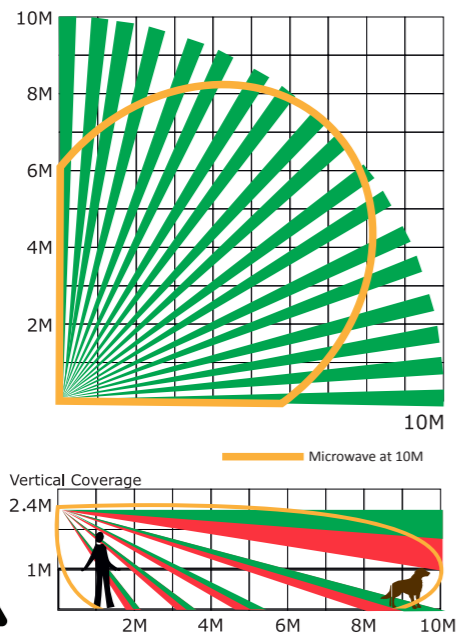
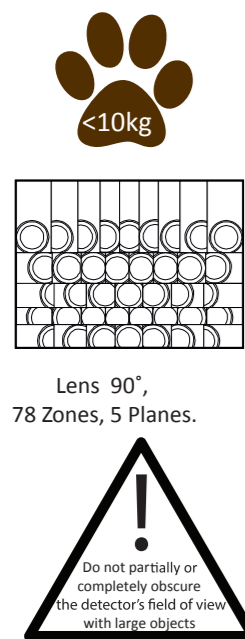
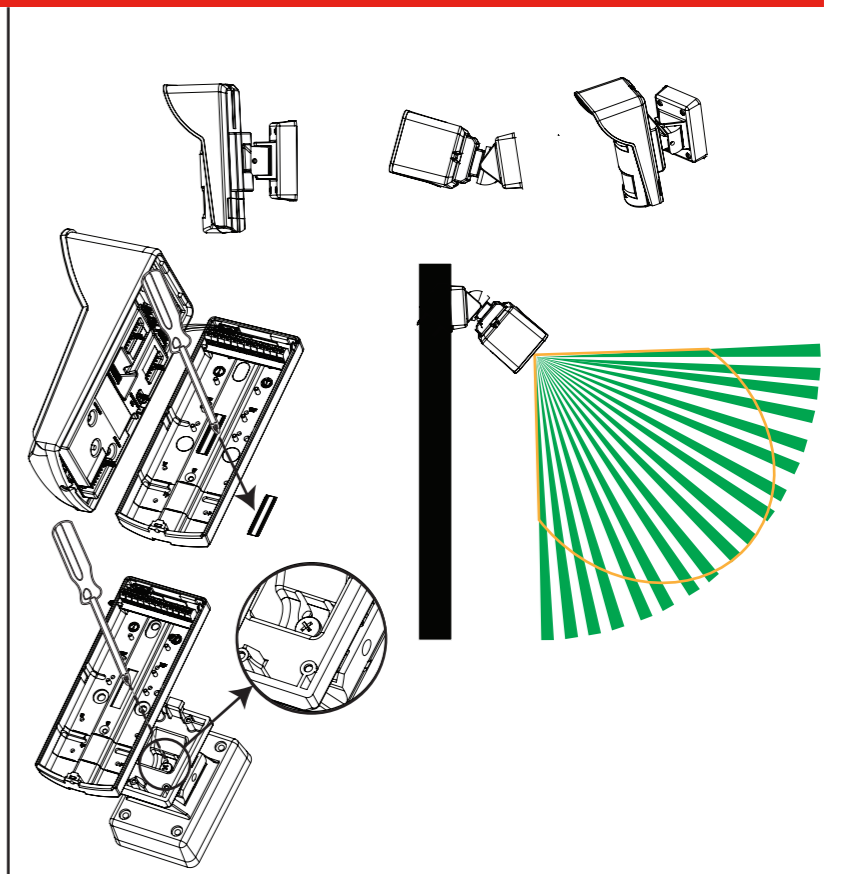
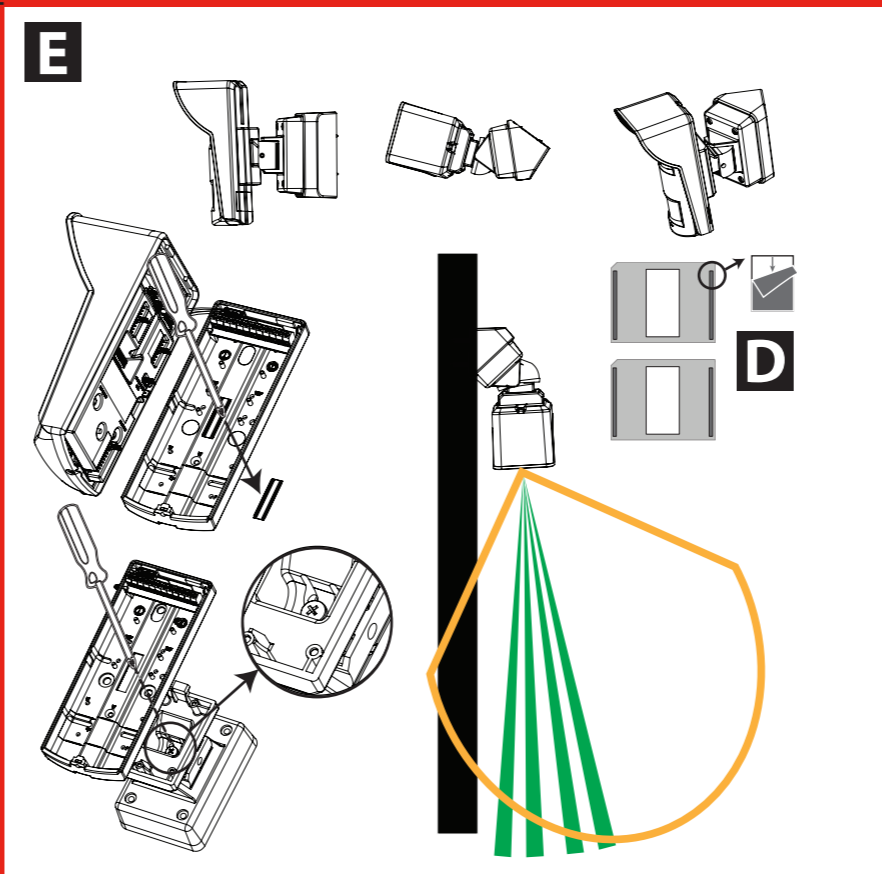
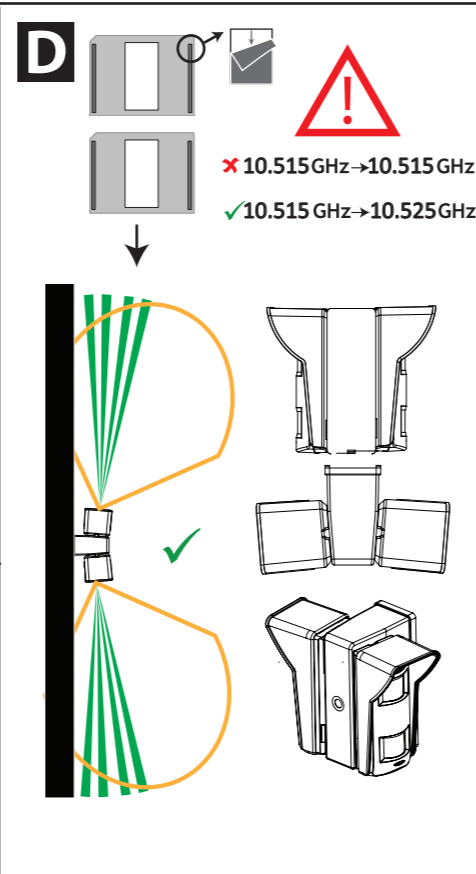
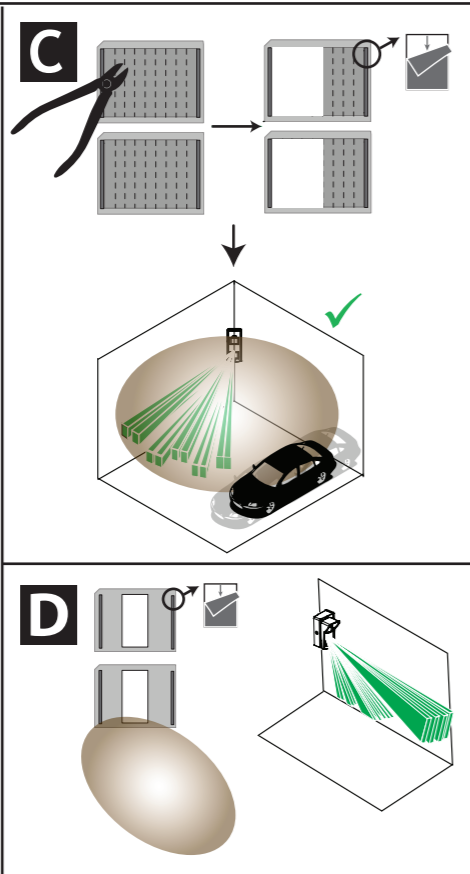
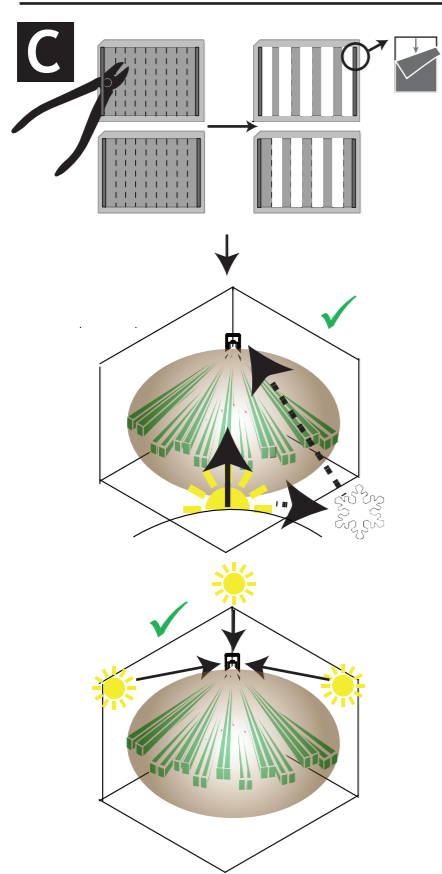
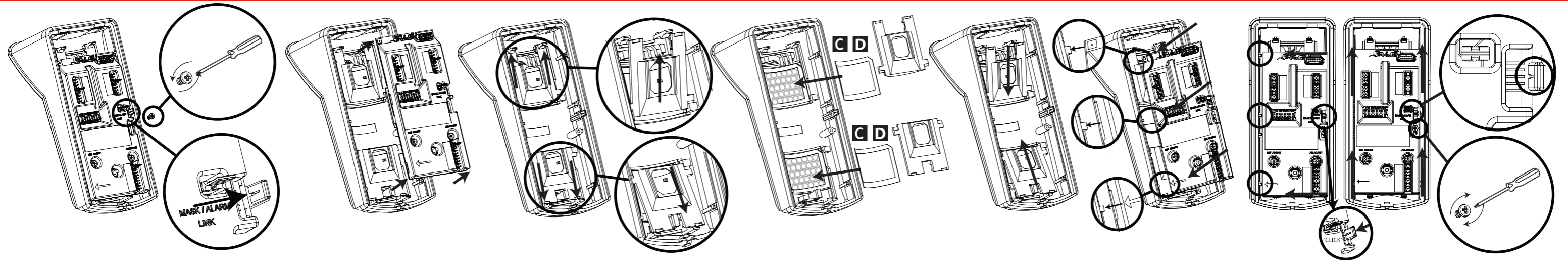
CONTROL PANEL PROGRAMMING



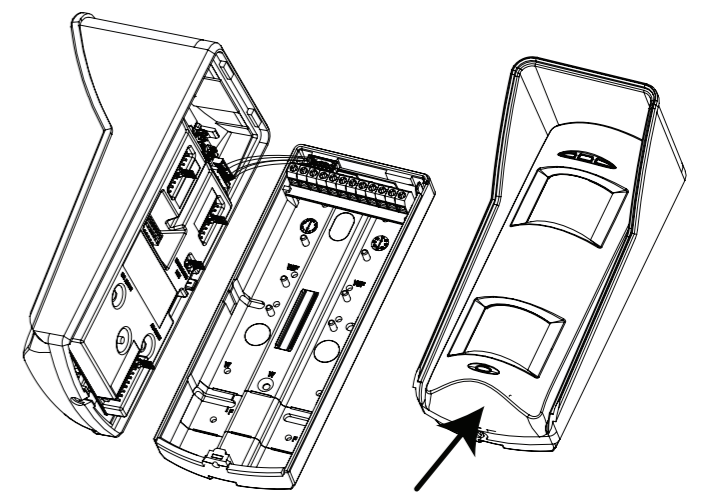
**ENGLISH**

ON	OFF
LEDs ON	LEDs OFF
Buzzer ON	Buzzer OFF
Open Mask & Alarm Relays	Open Mask Relay Only
Auto Sensitivity	High Sensitivity
RI Off	RI On
Blocking Off	Blocking On
A.M. 24 hour	A.M. If Disarmed
50Hz	60Hz

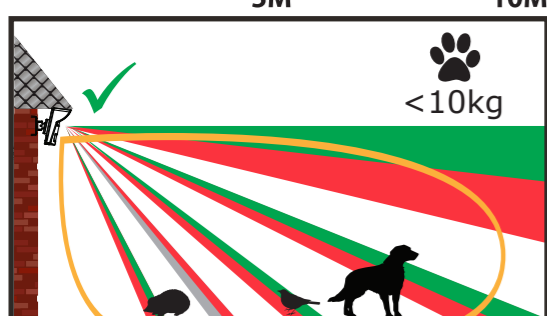
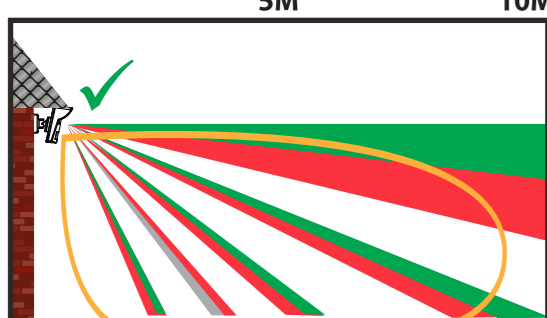
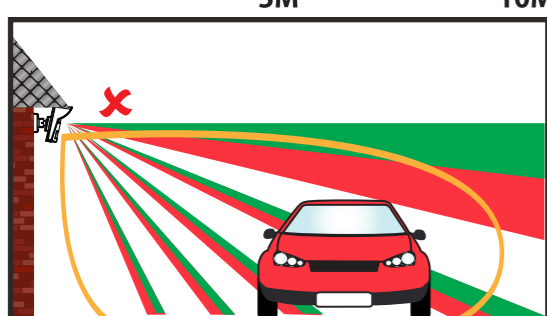
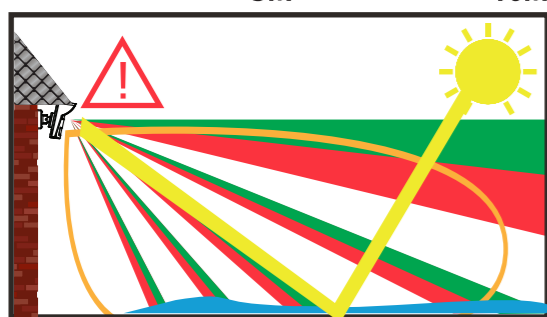
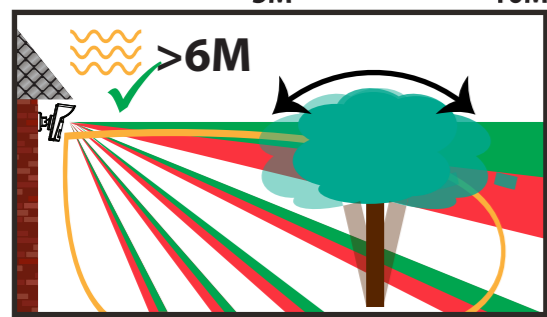
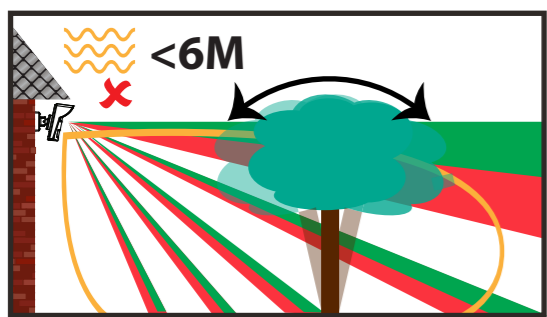




- Powering Up
- Masked/Blocked
- Top PIR Failed Self Test
- Microwave Failed Self Test
- Bottom PIR Failed Self Test
- Low Voltage
- Top PIR Activated
- Microwave Activated
- Bottom PIR Activated
- Alarm
- Mask Processing



END



### 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. This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

### 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.



This product operates in a European non-harmonised frequency band

## FRANÇAIS

### Références du schéma

**A Antimasquage :** Le DS-PD2-T10AME-EH utilise une technologie d'antimasquage brevetée pour permettre la détection lorsqu'un ou deux détecteurs PIR ainsi que le module Micro-ondes sont masqués. Ce détecteur est capable de détecter une feuille d'aluminium, une pulvérisation ou tout objet positionné sur ou devant le détecteur dans le but d'obstruer le champ de vision des capteurs PIR ou MW.

**A1** La zone de masquage est ajustable, de 0 à 1 m.

**A2** En cas de masquage de zone, la LED bleue commence à clignoter pour indiquer que la zone est compromise. Si l'obstacle n'est plus présent au bout de 30 secondes et si la LED d'alarme BLEUE s'est activée, le détecteur revient à la normale. Si l'obstacle est toujours présent après 1 minute, les relais MASQUAGE et ALARME s'ouvriront et les LED verte et orange s'allumeront sans interruption. Pour réinitialiser le détecteur, l'obstacle doit être retiré et un Essai de marche doit être exécuté.

**A3** L'Anti-masquage peut être désactivé lorsque le panneau est armé. Pour ce faire, la borne RI doit être connectée à une sortie du panneau de commandes qui est POSITIVE lorsqu'il est ARMÉ. De plus, pour activer cette fonctionnalité, les interrupteurs 2 et 4 doivent être réglés sur OFF.

**B Blocage :** Cette fonctionnalité permet de détecter les obstructions se trouvant à 10 m ou moins. Elle s'utilise lorsque le panneau est désarmé. Lorsque la fonctionnalité anti-blocage est active, le relais Alarme s'ouvre et les LED verte et orange s'allument. Pour réinitialiser la fonction antiblocage, un essai de marche doit être exécuté sur le XD de manière à ce que les capteurs PIR et MW s'activent.

**B1** Pour activer cette fonctionnalité, les interrupteurs 3 et 4 doivent être réglés sur OFF et l'entrée RI doit être connectée à une sortie du panneau de commandes qui est NÉGATIVE lorsqu'il est DÉARMÉ et POSITIVE lorsqu'il est ARMÉ.

### Spécifications techniques

#### Caractéristiques techniques du détecteur

Sensibilité automatique  
Compensation numérique de la température  
Résistances DEOL intégrées  
Protection anti-sabotage Avant et arrière  
Avertisseur de test de fonctionnement intégré  
Voyants DEL  
3 fréquences micro-ondes pour éviter les interférences  
Seuils flottants indépendants numériques  
Analyses anti-balancement  
Sensibilité réglable : Auto ou élevée

#### Données électriques

Tension de fonctionnement : 9 à 16 V CC, 13,8 V CC typique  
Consommation de courant au repos : 67 mA à 13,8 VCC  
Sorties relais : 3 x limites SELV, 60 VCC, 50 mA (crête de 42,4 VCA)  
Interrupteur anti-sabotage : 12 VCC, 50 mA, à la fois à l'avant et à l'arrière

#### Caractéristiques environnementales et de fonctionnement

Température de fonctionnement : -25 °C à +60 °C (certifiée)

Dimensions physiques (H x L x P) : 188 x 84 x 77 mm  
Poids : 300 g

#### Caractéristiques techniques du détecteur

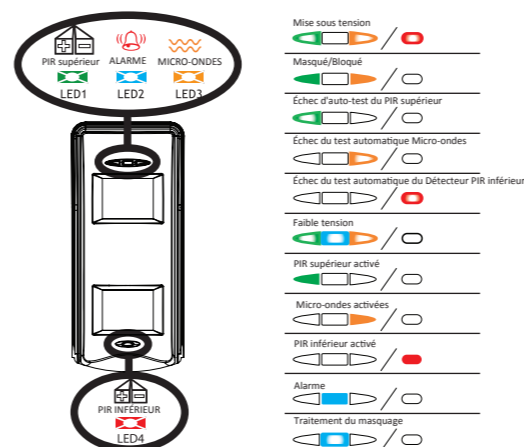
Portée maximale : 10 m  
Couverture volumétrique  
Couverture en rideau : En option  
Immunité aux animaux : 10 kg  
Triple technologie : 2 à infrarouge et 1 en micro-ondes  
Vitesse de détection : 0,25 à 2,5 m/s  
Angle de couverture : 90°  
Zones de détection : 78  
Plans de détection : 5  
Antimasquage réglable (antispray)  
Protection : Filtre de lumière ultraviolette  
Lentille : 2 lentilles volumétriques de type 5 (UV compensé)  
Optiques : Optiques scellées  
Méthode de détection : Deux capteurs infrarouges passifs à deux éléments à faible bruit  
Technologie antimasque

#### Fixation

Montage mural : Supports fixes et muraux supplémentaires  
Hauteur de couverture optimale : 1,8-2,4 m

### Accessoires optionnels

- C** Masques d'objectif ajustables
- D** SUPPORT FIXE + masque d'objectif fixe
- E** SUPPORT MURAL + XD-45D-ADAPTER



## PORTUGUÊS

### Referências do diagrama

**A Antimascaramento :** o DS-PD2-T10AME-EH usa a tecnologia patenteada de antimascaramento para detectar quando um ou ambos os detectores PIR, bem como o módulo de micro-ondas, estiverem mascarados. O detector é capaz de detectar materiais como folha de alumínio, spray, etc. e objetos em qualquer posição, cujo objetivo seja obstruir o campo de visão dos sensores PIR ou de micro-ondas.

**A1** A área de mascaramento é ajustável entre 0 e 1 m.

**A2** Se a área de mascaramento for penetrada, o LED azul começará a piscar para mostrar que a área está comprometida. Se o obstáculo for removido após 30 segundos e o LED azul de alarme for ligado, o detector retornará ao normal. Se o obstáculo ainda permanecer após 1 minuto, os relés de máscara e alarme serão abertos e os LEDs verde e laranja ficarão permanentemente ligados. Para restaurar o detector, o obstáculo deve ser removido e um teste de caminhada deve ser feito.

**A3** O antimascaramento pode ser desabilitado quando o painel estiver armado. Para isso, o terminal RI deve ser conectado a uma saída do painel que seja POSITIVA quando ele estiver ARMADO. Além disso, para habilitar esse recurso, as chaves 2 e 4 também devem estar DESLIGADAS.

**B Bloqueio :** esse recurso permite a detecção de obstruções localizadas a 10 m ou menos e é usado quando o painel estiver desarmado. Quando o recurso de bloqueio estiver ativo, o relé de alarme será aberto e os LEDs verde e laranja serão ligados. Para restaurar o bloqueio, um teste de caminhada deve ser feito para o XD, para que os sensores PIR e de micro-ondas sejam ativados.

**B1** Para habilitar este recurso, as chaves 3 e 4 devem estar DESLIGADAS e a entrada RI deve estar conectada a uma saída do painel de controle que forneça um NEGATIVO quando ele estiver DESARMADO e um POSITIVO quando estiver ARMADO.

### Especificação técnica

#### Características técnicas do detector

Sensibilidade automática  
Compensação de temperatura digital  
Resistor de DEOL integrado  
Proteção antivolação: frontal e traseira  
Campanha integrada de teste de caminhada  
Indicação de LED separada  
3 frequências de micro-ondas para evitar Flutuação independente digital  
Análise antioscilação  
Sensibilidade ajustável: automática ou alta

#### Elétricas

Tensão de funcionamento: 9 a 16 VCC, 13,8 VCC típica  
Consumo de corrente em repouso: 67 mA em 13,8 VCC  
Relé de saída: 3 x limites SELV, 60 VCC, 50 mA (42,4 VCA de pico)  
Chave antivolação: 12 VCC, 50 mA, frontal e traseira

#### Características ambientais e operacionais

Temperatura de operação: -25 °C a +60 °C (certificado)  
Dimensões físicas (A x L x P): 188 x 84 x 77 mm  
Peso: 300 g

#### Características técnicas do detector

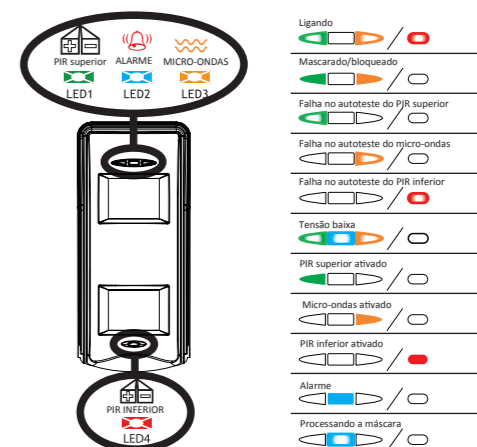
Alcance máximo: 10 m  
Cobertura volumétrica  
Cobertura de cortina: Opcional  
Imunidade a animais: 10 kg  
Tripla tecnologia: 2 infravermelhos e 1 micro-ondas  
Velocidade de detecção: 0,25 a 2,5 m/s  
Ângulo de cobertura: 90°  
Zonas de detecção: 78  
Planos de detecção: 5  
Antimascaramento ajustável (antispray)  
Proteção: Filtro de luz ultravioleta  
Lente: 2 x lente volumétrica de 5 planos (com compensação UV)  
Óptica: óptica selada  
Método de detecção: 2 elementos duplos de infravermelho passivo e baixo ruído  
Tecnologia antibloqueio

#### Montagem

Montagem na parede: suportes de parede e fixo adicionais  
Altura ideal de instalação: 1,8 a 2,4 m

### Accessórios opcionais

- C** Máscaras de lente ajustáveis
- D** Suporte fixo + Máscara de lente fixa
- E** Suporte de parede + XD-45D-ADAPTER



## ITALIANO

### Riferimento schemi

**A** **Anti-mascheramento:** DS-PD2-T10AME-EH utilizza una tecnologia brevettata di anti-mascheramento per rilevare se uno o entrambi i rilevatori PIR e/o il modulo a microonde vengono oscurati. Il rilevatore è in grado di rilevare fogli di alluminio, spray e il posizionamento di qualsiasi oggetto sopra o davanti al rilevatore con lo scopo di ostacolare il campo visivo dei sensori PIR o MW.

**A1** L'area di mascheramento è regolabile tra 0 m e 1 m.

**A2** In caso di accesso all'area di mascheramento, il LED blu comincia a lampeggiare per indicare che l'area è stata compromessa. Se l'ostacolo viene rimosso entro 30 secondi e il LED BLU allarme si è attivato, il rilevatore torna alla normalità. Se l'ostacolo è ancora presente dopo 1 minuto, i relè MASK e ALARM si aprono e i LED verde e arancione si accendono fissi. Per reimpostare il rilevatore, l'ostacolo deve essere rimosso e si deve eseguire un walk test.

**A3** La funzione anti-mascheramento può essere disabilitata quando la centrale è inserita. Per questa funzione il terminale RI deve essere collegato a un'uscita della centrale POSITIVA quando è INSERITO. Inoltre, per attivare questa funzione, gli switch 2 e 4 devono essere in posizione OFF.

**B** **Ostruzione:** Questa funzione permette di rilevare un'ostruzione fino a 10 m di distanza e viene utilizzata quando la centrale è disinserita. Quando questa funzione è attiva, il relè allarme si apre e i LED verde e arancione si illuminano. Per reimpostare la funzione di ostruzione, XD deve essere sottoposto a un walk test, in modo che i sensori PIR e MW si attivino.

**B1** Per attivare questa funzione, gli switch 3 e 4 devono essere in posizione OFF e l'ingresso RI deve essere collegato a un'uscita della centrale NEGATIVA se DISINSERITA e POSITIVA se INSERITA.

### Specifiche tecniche

**Caratteristiche tecniche del rilevatore**  
Sensibilità automatica  
Compensazione digitale della temperatura  
Resistenze DEOL sulla scheda  
Protezione da manomissioni: Anteriore e posteriore  
Suoneria di walk test integrata  
Indicatori LED distinti  
3 frequenze a microonde per evitare interferenze  
Soglia variabile digitale indipendente  
Strumenti di analisi anti-oscillazioni  
Sensibilità regolabile: Automatica o elevata

**Caratteristiche elettriche**  
Tensione operativa: 9-16 V CC, tipicamente 13,8 V CC  
Assorbimento di corrente a riposo: 67 mA a 13,8V CC  
Uscita relè: 3 limiti SELV, 60 V CC 50 mA (42,4 V CA picco)  
Interruttore antimanomissione: 12 V CC 50 mA sia anteriore che posteriore

**Funzionalità operative e ambientali**  
Montaggio a parete: Staffe da parete e fisse supplementari  
Temperatura di esercizio: da -25 °C a + 60 °C (Certificata)

Dimensioni fisiche (A x L x P): 188 x 84 x 77 mm  
Peso: 300 g

**Caratteristiche tecniche del rilevatore**  
Portata massima: 10 m  
Copertura volumetrica  
Copertura a tenda: Opzionale  
Immunità agli animali: 10 kg  
Tecnologia tripla: 2 sistemi a infrarossi e 1 a microonde  
Velocità di rilevamento: 0,25 - 2,5m/s  
Angolo di copertura: 90 gradi  
Zone di rilevamento: 78  
Piani di rilevamento: 5  
Antimascheramento regolabile (Antispray)  
Protezione: Filtro luce ultravioletta  
Obiettivo: 2 x 5 obiettivi volumetrici (a compensazione UV)  
Componenti ottici: Componenti ottici sigillati  
Metodo di rilevazione: 2 dispositivi a infrarossi passivi ad elemento doppio e basso disturbo  
Tecnologia anti-ostruzione

**Montaggio**  
Montaggio a parete: Staffe da parete e fisse supplementari  
Altezza di copertura ottimale: 1,8-2,4 m

## ESPAÑOL

### Referencias del diagrama

**A** **Antienmascaramiento:** El DS-PD2-T10AME-EH utiliza tecnología antienmascaramiento patentada para detectar cuando se enmascaran uno o ambos detectores PIR, así como el módulo microondas. El detector es capaz de detectar la posición de papel de aluminio, spray y cualquier objeto sobre el detector o en frente de él que tenga como objetivo obstaculizar el campo de visión de los sensores PIR o MW.

**A1** El área de enmascaramiento se puede ajustar entre 0 y 1 m.

**A2** Si se entra en el área de enmascaramiento, el LED azul comienza a parpadear para indicar que se ha accedido a la zona. Si se quita el obstáculo a los 30 segundos y la alarma LED AZUL ha activado el detector, el detector se restaurará a su condición normal. Si el obstáculo continúa presente una vez transcurrido 1 minuto, el relé de la MÁSCARA y de la ALARMA se abrirán y se activarán de forma permanente los LED verdes y naranjas. Para reiniciar el detector, es necesario retirar el obstáculo y realizar una prueba de movimiento.

**A3** Se puede desactivar el antienmascaramiento al montar el panel. Para hacerlo, el terminal RI tiene que estar conectado a una salida del panel que sea POSITIVA cuando esté ARMADO. Para activar esta función, los botones 2 y 4 tienen que estar en OFF (DESACTIVADOS).

**B** **Bloquear:** Esta función permite la detección de una obstrucción que se encuentre a 10 m o menos, y se utiliza cuando el panel está desmontado. Cuando la función de bloqueo está activa, el relé de la alarma se abrirá y se activarán los LED verdes y naranjas. Para reiniciar el bloqueo de XD, es necesario realizar pruebas de movimiento para activar los sensores PIR y MW.

**B1** Para activar esta función, los botones 3 y 4 tienen que estar en OFF (DESACTIVADOS) y la entrada RI tiene que estar conectada a una salida del panel de control que dé NEGATIVO cuando esté DESACTIVADO y POSITIVO cuando esté ACTIVADO.

### Especificaciones técnicas

**Características técnicas de los detectores**  
Sensibilidad automática  
Compensación de temperatura digital  
Resistencia DEOL en circuito  
Protección contra manipulación: Frontal y trasera  
Timbre de prueba integrado  
Indicación LED separada  
3 frecuencias de microondas para evitar flotante independiente digital  
Análisis antioscilación  
Sensibilidad ajustable: Automática o alta

**Electricidad**  
Voltaje operativo: 9-16 V CC, 13,8 V CC normalmente  
Consumo de corriente en reposo: 67 mA a 13,8 V CC  
Salidas de relé: 3 límites SELV, 60 V CC 50 mA (42,4 V CA máximo)  
Interruptor de sabotaje: 12 V CC 50 mA tanto el delantero como el trasero

**Características ambientales y de funcionamiento**  
Temperatura de funcionamiento: -25 °C a +60 °C (certificado)

Dimensiones físicas (Al. x An. x Pr.): 188 x 84 x 77 mm  
Peso: 300 g

**Características técnicas de los detectores**  
Alcance máximo: 10 m  
Cobertura volumétrica  
Cobertura de cortina: Opcional  
Inmunidad contra mascotas: 10 kg  
Tecnología triple: 2 infrarrojos y 1 microondas  
Velocidad de detección: 0,25 - 2,5 m/s  
Ángulo de cobertura: 90 grados  
Zonas de detección: 78  
Planos de detección: 5  
Antienmascaramiento regulable (antispray)  
Protección: Filtro de luz ultravioleta  
Lentes: 2 lentes volumétricas 5 (compensación UV)  
Óptica: Óptica sellada  
Método de detección: 2 sensores infrarrojos pasivos de elemento dual de bajo ruido  
Tecnología antibloqueo

**Montaje**  
Montaje en pared: Soportes de pared y fijos adicionales  
Altura de cobertura óptima: 1,8-2,4 m

## РУССКИЙ

### Ссылки на рисунки

**A** **Антимаскирование:** в DS-PD2-T10AME-EH используется патентованная технология антимаскирования. Она позволяет обнаруживать ситуации, когда один или оба пассивных ИК-датчика, а также микроволновый модуль маскированы. Этот детектор способен обнаруживать алюминиевую фольгу, аэрозоль и любые объекты, расположенные на нем или перед ним в целях уменьшения поля зрения пассивного ИК- или микроволнового датчика.

**A1** Область маскирования регулируется в пределах 0–1 м.

**A2** Если введена область маскирования, о нарушении безопасности зоны свидетельствует синий мигающий сигнал индикатора. Через 30 секунд после удаления препятствия и активации СИНЕГО индикатора сигнализации детектор возвращается в обычное состояние. Если препятствие остается на месте больше 1 минуты, размыкается реле МАСКА и СИГНАЛИЗАЦИЯ и начинают постоянно гореть зеленый и оранжевый индикаторы. Чтобы сбросить состояние детектора, необходимо убрать препятствие и выполнить тестирование методом обхода.

**A3** Когда панель поставлена на охрану, антимаскирование можно отключить. Для этого RI-разъем необходимо подключить к выходу панели, с которого подается ПОЛОЖИТЕЛЬНЫЙ сигнал, когда панель ПОСТАВЛЕНА НА ОХРАНУ. Кроме того, для включения этой функции переключатели 2 и 4 должны быть ВЫКЛЮЧЕНЫ.

**B** **Блокирование:** эта функция позволяет обнаруживать препятствия на расстоянии 10 м или меньше. Она используется, когда панель снята с охраны. При активации функции блокирования размыкается реле сигнализации и активируются зеленый и оранжевый индикаторы. Чтобы сбросить блокирование, необходимо выполнить тестирование XD методом обхода в целях активации пассивных ИК- и микроволнового датчиков.

**B1** Чтобы включить эту функцию, переключатели 3 и 4 должны быть ВЫКЛЮЧЕНЫ, а RI-вход должен быть соединен с выходом на панели управления, который подает ОТРИЦАТЕЛЬНЫЙ сигнал, когда устройство СНЯТО С ОХРАНЫ, и ПОЛОЖИТЕЛЬНЫЙ сигнал, когда устройство ПОСТАВЛЕНО НА ОХРАНУ.

### Технические характеристики

**Технические характеристики датчиков**  
Автоматическая чувствительность  
Цифровая компенсация температуры  
Резистор DEOL на плате  
Защита от взлома: Передняя и задняя панели  
Встроенный зуммер теста ходьбой  
Отдельный светодиодный индикатор  
3 частоты микроволнового излучения для предотвращения помех  
Цифровые независимые плавающие пороги  
Аналитика перемещающихся объектов  
Регулируемая чувствительность: Авто или высокая

**Электрические характеристики**  
Рабочее напряжение: 9–16 В пост. тока, типовое значение: 13,8 В пост. тока  
Энергопотребление в ждущем режиме: 67 мА при напряжении 13,8 В пост. тока  
Релейные выходы: 3 предела SELV, 60 В пост. тока, 50 мА (42,4 В перем. тока, пиковое)  
Переключатель противовзломной защиты: 12 В пост. тока 50 мА спереди и сзади

**Эксплуатационные характеристики и характеристики среды**  
Рабочая температура: От -25 °C до + 60 °C (сертифицировано)

Физические размеры (В x Ш x Г): 188 x 84 x 77 мм  
Масса: 300 гр

**Технические характеристики датчиков**  
Максимальная дальность: 10 м  
Пространственный сектор обзора  
Обзор со шторкой: Опционально  
Отсутствие ложных срабатываний при обнаружении домашних животных: 10 кг  
Тройная технология: 2 инфракрасных и 1 микроволновый датчик  
Скорость обнаружения: 0,25–2,5 м/с  
Угол обзора: 90 градусов  
Зоны обнаружения: 78  
Плоскости обнаружения: 5  
Регулируемая антимаскировка (защита от распыления посторонних веществ)  
Защита: Ультрафиолетовый фильтр  
Линза: 2 пространственных линзы размера 5 (с компенсацией ультрафиолетового излучения)  
Оптика: Герметичная оптика  
Способ обнаружения: 2 малочувствительных пассивных ИК-элемента  
Антиблокировочная технология

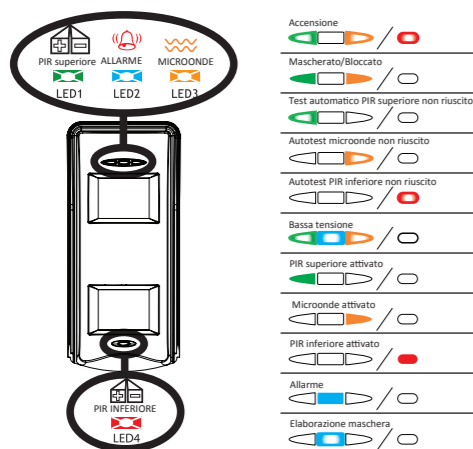
**Монтаж**  
Крепление на стене: Дополнительные настенные и фиксированные кронштейны  
Оптимальная высота обзора: 1,8–2,4 м

### Accessori opzionali

**C** Маскере obiettivo regolabili

**D** STAFFAFISSA + maschera obiettivo fissa

**E** STAFFAPARETE + ADATTATORE XD-45D

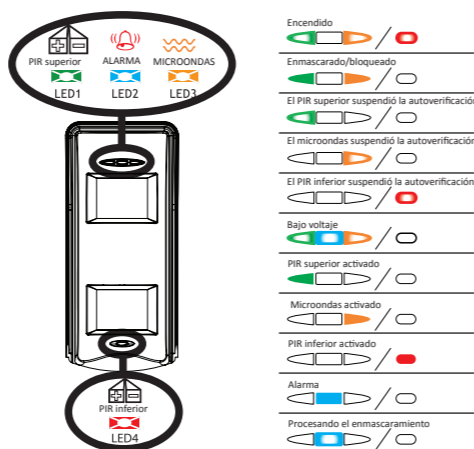


### Accesorios opcionales

**C** Máscara de lente ajustable

**D** SOPORTE FIJO + máscara de lente fija

**E** SOPORTE DE PARED + ADAPTADOR XD-45D



### Дополнительные принадлежности

**C** Регулируемые маски объектива

**D** ФИКСИРОВАННЫЙ КРОНШТЕЙН и фиксированная маска объектива

**E** ФИКСИРОВАННЫЙ КРОНШТЕЙН и АДАПТЕР XD-45D

