

VXI-ST
VXI-AM
VXI-DAM-X5: 10.525 GHz
VXI-DAM-X8: 10.587 GHz
VXI-DAM-X7: 13.7 GHz

DETECTEUR D'EXTERIEUR MULTIDIMENSIONNEL
Série VX Infinity™
MODELE FILAIRE

MULTIDIMENSIONALER AUSSEN-DETEKTOR
VX Infinity™ Serie
FESTANGESCHLOSSENES MODELL

RILEVATORE MULTIDIMENSIONALE PER ESTERNO
Serie VX Infinity™
MODELLO CABLATO

DETECTOR DE MOVIMIENTO PARA EXTERIORES
Serie VX Infinity™
MODELO CON CABLE

VXI-ST	VXI-AM	VXI-DAM
Standard model with 2 PIR	VXI-ST with anti-masking	VXI-AM with micro-wave
Model standard avec 2 PIR	VXI-ST avec anti-masquage	VXI-AM avec micro-ondes
Standardmodell mit 2 PIR	VXI-ST mit Anti-Maskierung	VXI-AM mit Mikrowellen
Modelo standard con due sensori all'infrarosso passivo	VXI-ST con funzione antimascheramento	VXI-AM con sensore a microonde
Modelo estándar con 2 sensores de infrarrojos (PIR)	VXI-ST con antienmascaramiento	VXI-AM con micro-ondas

The VX Infinity™ series provides highly reliable detection functions, reducing false reports or reporting losses. The VX Infinity™ series delivers stable detection performance even in severe outdoor environments.

La série VX Infinity™ offre des fonctions de détection très fiables, ce qui réduit les erreurs ou les pertes de rapports. La série VX Infinity™ offre des performances de détection stable, même dans un environnement extérieur difficile.

Die VX Infinity™ Serie bietet höchst zuverlässige Wahrnehmungsfunktionen und reduziert Falschmeldungen oder Meldungsverluste. Die VX Infinity™ Serie liefert stabile auch in schwierigen Außenumgebungen.

I modelli della serie VX Infinity™ sono molto affidabili e riducono sia i falsi sia i mancati rilevamenti. La loro capacità di rilevamento inoltre rimane stabile anche in condizioni ambientali esterne critiche.

La serie VX Infinity™ ofrece funciones de detección de alta fiabilidad, reduciendo así falsas alarmas y la pérdida de detecciones potencialmente peligrosas. La serie VX Infinity™ proporciona una detección estable incluso en condiciones medioambientales adversas.

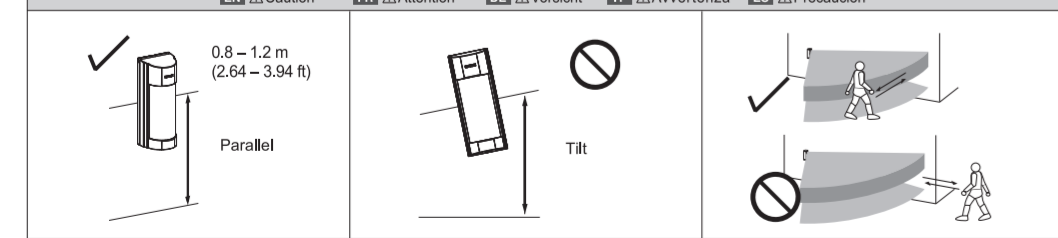
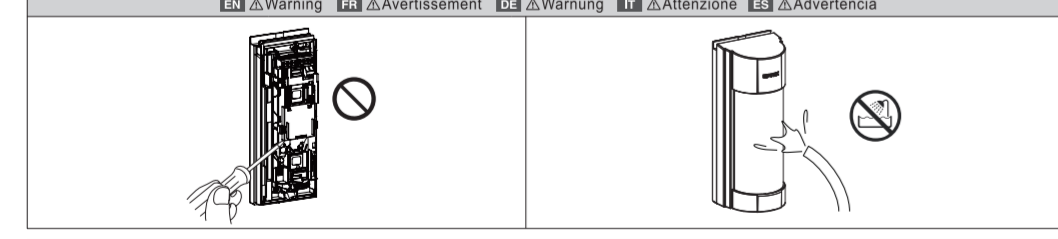
FEATURES
CARACTERISTIQUES
FUNKTIONEN
CARATTERISTICHE
CARACTERÍSTICAS

- BASIC FEATURES**
 - 12 m (40 ft.) by 90 degree flexible detection pattern adjustable to 5 ranges
 - SMDA Logic for advanced temperature compensation and environmental noise immunity
 - Easy Masking for over spill prevention
 - Double Conductive Shielding against bright light disturbance.
 - Conduit/Battery Case for both wired and wireless-ready models.
- OPTIONAL FEATURES**
 - Active IR Anti-Masking for detecting covering objects
 - Tough Mod Dual Technology based on OPTEX gold-plated microwave module
 - UL-C-UL listed.
- CARACTERISTIQUES DE BASE**
 - 12 m (40 ft) avec modèle de détection flexible et réglable à 5 options.
 - SMDA Logic pour compensation avancée de température et immunité aux bruits de l'environnement.
 - Masquage facile pour empêcher la divulgation de lumière.
 - Double blindage conducteur contre les perturbations de lumière.
 - Double blindage conducteur contre les perturbations de lumière.
 - Conduit/Batterie/Boîtier à câbles et sans fil.
 - Technologie basée sur OPTEX gold-plated microwave module
 - UL-C-UL listé.
- GRUNDFUNKTIONEN**
 - 12 m bei 90 Grad flexiblen Wahrnehmungsmuster, anpassbar an die 5 Reichweiten.
 - SMDA-Logik für fortgeschrittene Temperaturkompensation und Immunität gegen Störungen.
 - Einfache Maskierung zur Vermeidung von Lichtstörungen.
 - Doppelte Leitungsabschirmung gegen helle Lichtstörungen.
 - Stromnetz-/TX-Batteriegehäuse geeignet für Batterie- als auch festangeschlossene Modelle.
 - Optionale Funktionen
 - Active IR Anti-Masking zur Wahrnehmung von verborgenen Objekten
 - Tough Mod Dual Technologie basierend auf OPTEX goldbeschichteten Mikrowellen-Modulen
- CARATTERISTICHE DI BASE**
 - Copertura di rilevazione regolabile sino a 12 metri e 90° programmabile in 5 rangi.
 - SMDA (Super Multi Dimension Analysis), logica avanzata di compensazione della temperatura e di immunità al rumore ambientale
 - Facilità di mascheramento anticaduta
 - Doppia schermatura conduttiva contro i disturbi dovuti a forte luce
 - Involucro con condotto e batteria TX sia per i modelli a filo sia per quelli senza filo
 - Caratteristiche Opzionali
 - Infrarossi Attivi Antienmascaramento per rilevare oggetti nascosti
 - Tecnologia Dual Mod Altas Prestaciones basada en el módulo de microondas dorado de OPTEX
- Características Básicas**
 - 12 m (40 pies) por parón ajustable de detección flexible de 90 grados hasta 5 rangos.
 - Función lógica SMDA para la compensación avanzada de la temperatura y para minimizar el ruido medioambiental.
 - Fácil enmascaramiento para prevención de derramamientos
 - Doble Protección Conductiva contra perturbaciones de luz de gran intensidad.
 - Cubierta para el Conductor/Batería-TX tanto para los modelos con cable como para los inalámbricos.
 - Características Opcionales
 - Infrarrojos Activos Antienmascaramento para detectar objetos escondidos
 - Tecnología Dual Mod de Altas Prestaciones basada en el módulo de microondas dorado de OPTEX

INTRODUCTION
EINLEITUNG
INTRODUZIONE
INTRODUCCION

BEFORE INSTALLATION
AVANT L'INSTALLATION
VOR DER INSTALLATION
PRIMA DELL'INSTALLAZIONE
ANTES DE LA INSTALACION

Warning	Avertissement	Warnung	Attenzione	Advertencia
Failure to follow the instructions provided with this indication and improper handling may cause death or serious injury.	Ne pas suivre les instructions fournies avec cette indication et une mauvaise manipulation peut causer des blessures graves voire mortelles.	Fehler in der Befolgung dieser Anleitung und unangemessene Behandlung des Gerätes können zum Tod oder zu schweren Verletzungen führen.	Questo simbolo segnala una situazione che comporta il rischio di lesioni gravi o fatali in caso d'insosservanza delle istruzioni fornite o di uso improprio del prodotto.	Respete las instrucciones de seguridad indicadas con este símbolo para prevenir serios daños o incluso la muerte.
Failure to follow the instructions provided with this indication and improper handling may cause injury and/or property damage.	Ne pas suivre les instructions fournies avec ces instructions et une mauvaise manipulation peut causer des blessures graves et/ou des dommages matériels.	Fehler in der Befolgung dieser Anleitung und unangemessene Behandlung des Gerätes können zu Verletzungen oder Beschädigungen des Gerätes führen.	Questo simbolo segnala una situazione che comporta il rischio di lesioni e/o danni alle cose in caso d'insosservanza delle istruzioni fornite o di uso improprio del prodotto.	Siga las instrucciones indicadas con este símbolo para prevenir posibles heridas o daños materiales.



The check mark indicates a recommendation. The nix sign indicates prohibition.

La marque ✓ indique une recommandation. Le signe ☒ indique une interdiction.

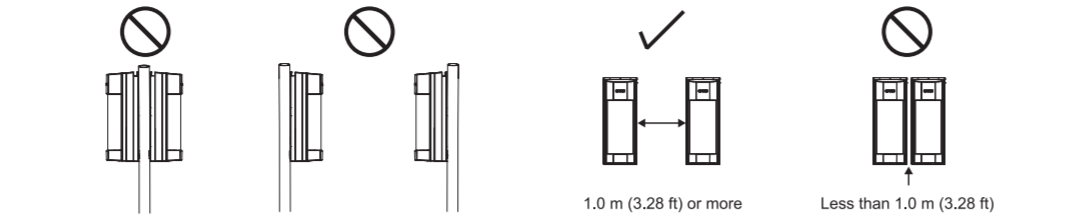
Die Prüfe ✓ Markierung zeigt eine Empfehlung an. Die Vermeide ☒ Markierung zeigt ein Verbot an.

Il simbolo ✓ indica una raccomandazione. Il simbolo ☒ indica un divieto.

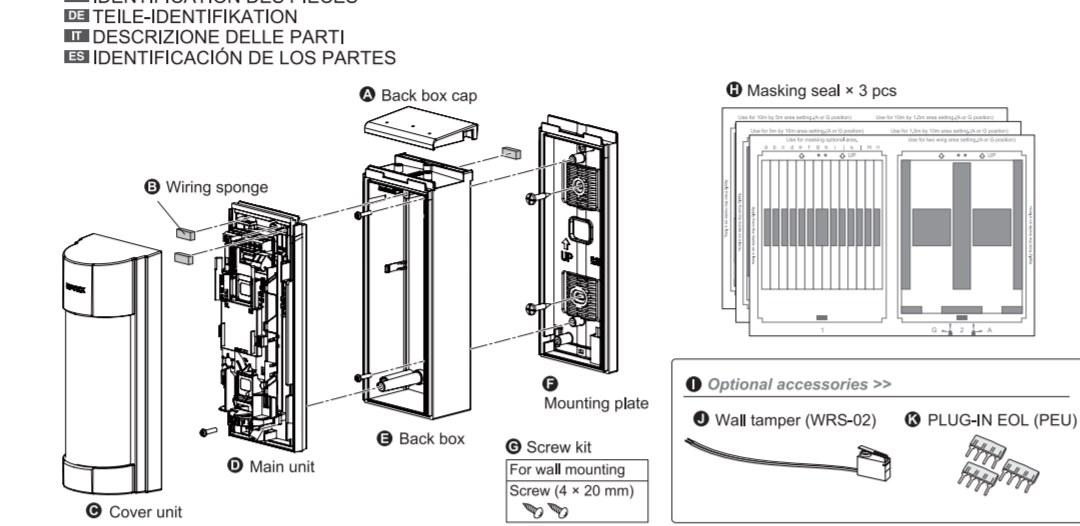
El signo ✓ indica una recomendación. El signo ☒ indica una prohibición.

PRECAUTIONS FOR INSTALLING TWO OR MORE SENSORS WHEN USING MICRO-WAVE MODEL

- Precautions à prendre pour l'installation de deux ou plusieurs capteurs lors de l'utilisation d'un modèle de micro-ondes
- Vorsorge für die Anbringung von zwei oder mehreren Sensoren bei Benutzung von Modellen mit Mikrowellen
- Precauzioni per l'installazione di due o più sensori in caso di utilizzo del modello a microonde
- Precauciones a la hora de instalar dos o más detectores al utilizar el modelo micro-ondas

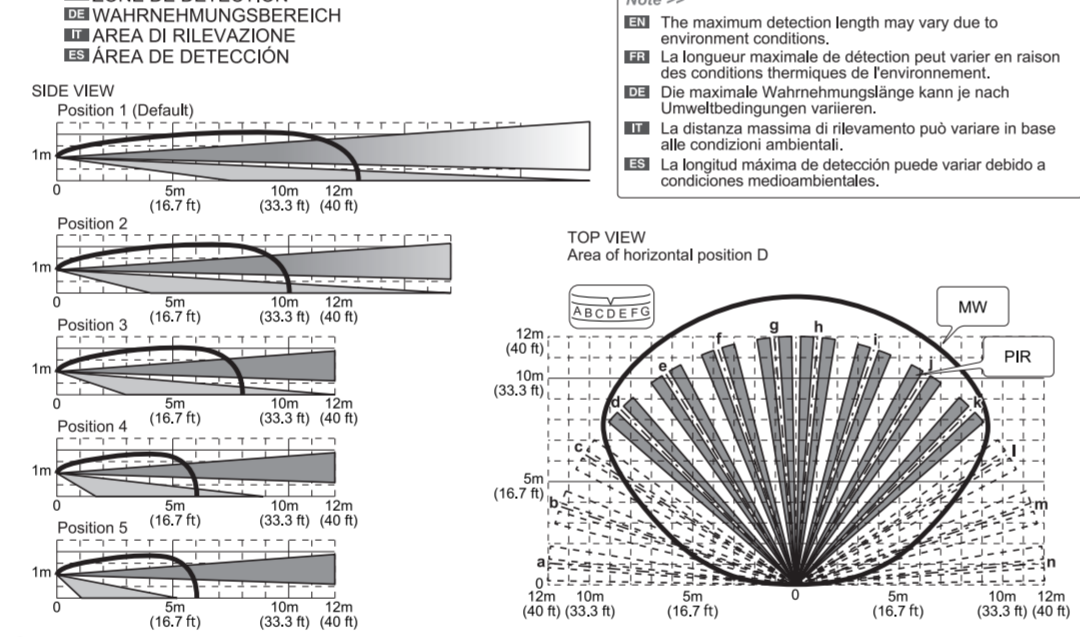


PARTS IDENTIFICATION



- Covered by the back cover**
 - Eponge de câblage
 - Couvercle de l'appareil
 - Unité principale
 - Arrière du boîtier
 - Plaque de montage
 - Leu de vis
 - Pour montage mural
 - Vis (4 x 20 mm)
 - Joint masquage X 3 pcs
 - Accessoires en option
 - Autoprotection murale (WRS-02)
 - BRANCHEUR SUR EOL (PEU)
- Rückkastendeckel**
 - Drathitschöterung
 - Abdeckungseinheit
 - Haupteinheit
 - Rückkasten
 - Montageplatte
 - Schraubensatz
 - Set di viti
 - Per montaggio a parete
 - Vite da 4 x 20 mm
 - Maskierungsriegel x 3 Teile
 - Optionale Ausstattung
 - Wandschiene (WRS-02)
 - EOL-STECKER (PEU)
- Coperchio della scatola posteriore**
 - Spugnina di protezione cavo
 - Coperchio anteriore
 - Unità principale
 - Scatola posteriore
 - Base di fissaggio
 - Set di viti
 - Per montaggio a parete
 - Vite da 4 x 20 mm
 - Máscaras autoadhesivas 3 unidades
 - Accesorios opcionales
 - Dispositivo antimanomissione da parete WRS-02
 - Fine linea (EOL) a innesto (PEU)
- Esponja para el cableado**
 - Cubierta del cajetín
 - Cajetín
 - Soporte de montaje
 - Tornillería
 - Para montaje en pared
 - Tornillo (4 x 20 mm)
 - Máscaras autoadhesivas 3 unidades
 - Accesorios opcionales
 - Antisbotaje para pared (WRS-02)
 - Plug-in EOL (PEU)

DETECTION AREA

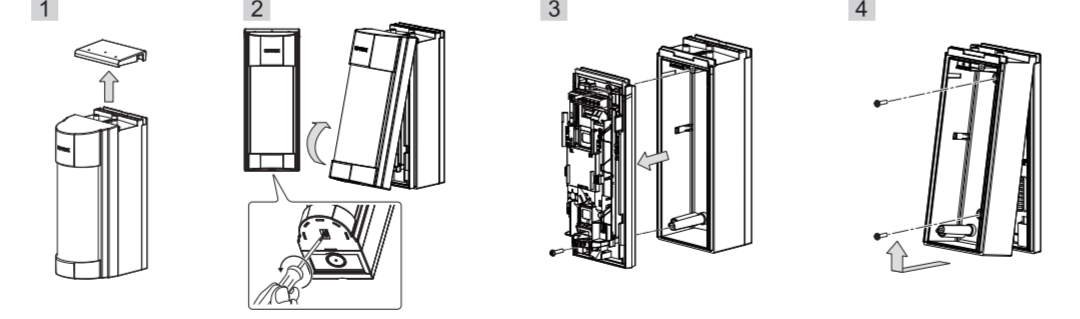


INSTALLATION

- INSTALLATION**
- INSTALLATION**
- INSTALLAZIONE**
- INSTALACION**

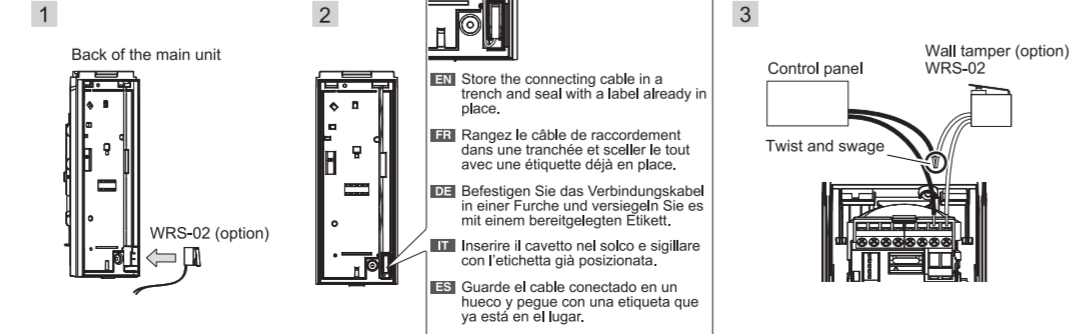
BEFORE MOUNTING

- AVANT D'EFFECTUER LE MONTAGE**
- VOR DER MONTAGE**
- PRIMA DELL'INSTALLAZIONE**
- ANTES DE MONTARLO**



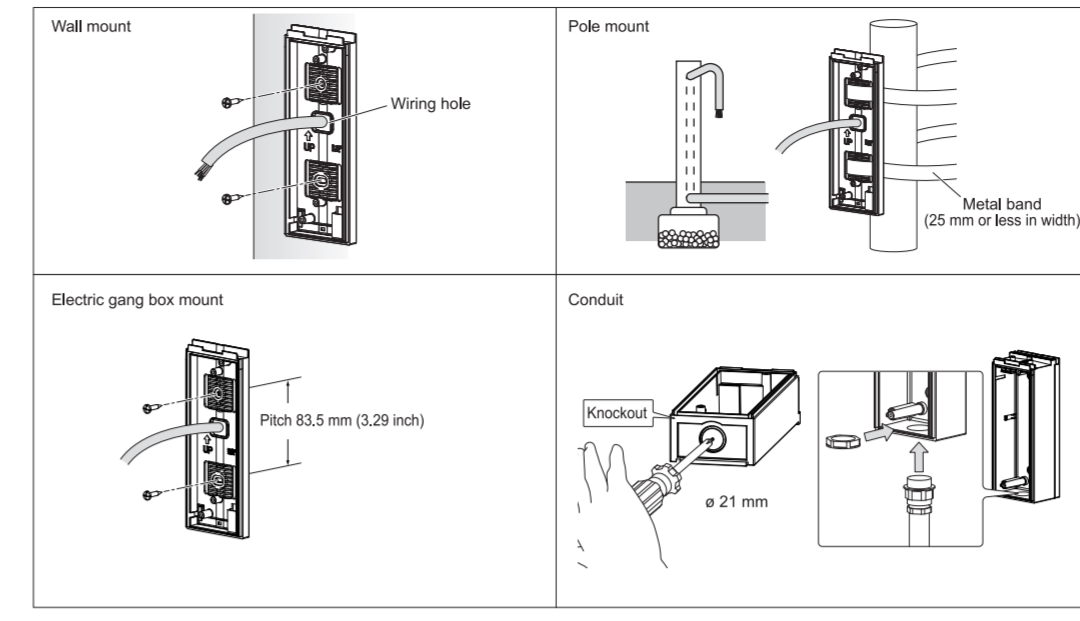
WALL TAMPER WRS-02(OPTION)

- AUTO PROTECTION MURALE WRS-02(OPTION)**
- WANDSCHIEBE WRS-02 (OPTION)**
- DISPOSITIVO ANTIMANOMISSIONE WRS-02(OPZIONE)**
- ANTISBOTAJE PARA PARED WRS-02(OPCION)**



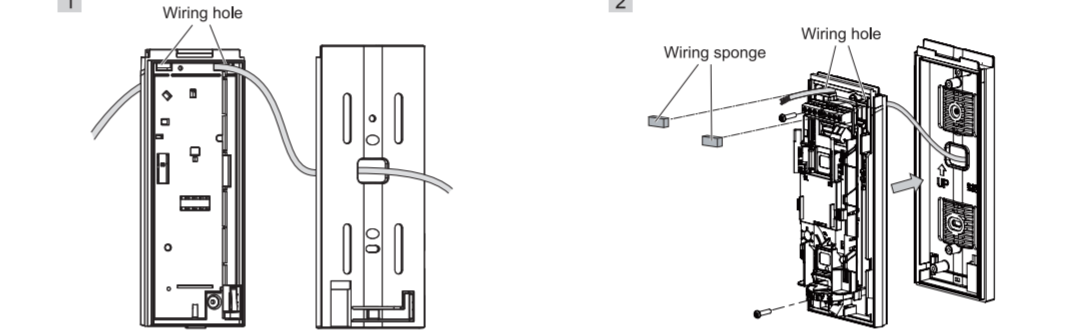
MOUNTING

- MONTAGE**
- MONTAGE**
- MONTAGGIO**
- MONTAJE**



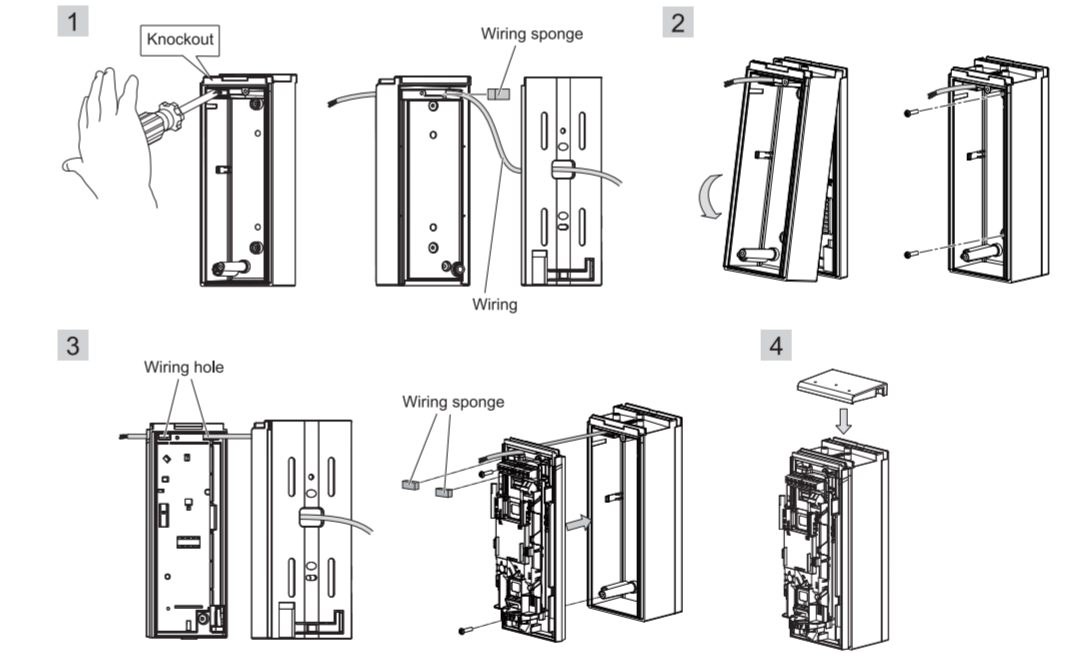
MOUNTING WITHOUT BACK BOX

- MONTER SANS BOITIER ARRIERE**
- MONTAGE OHNE RÜCKKASTEN**
- MONTAGGIO SENZA SCATOLA POSTERIORE**
- MONTAJE SIN CAJETIN**



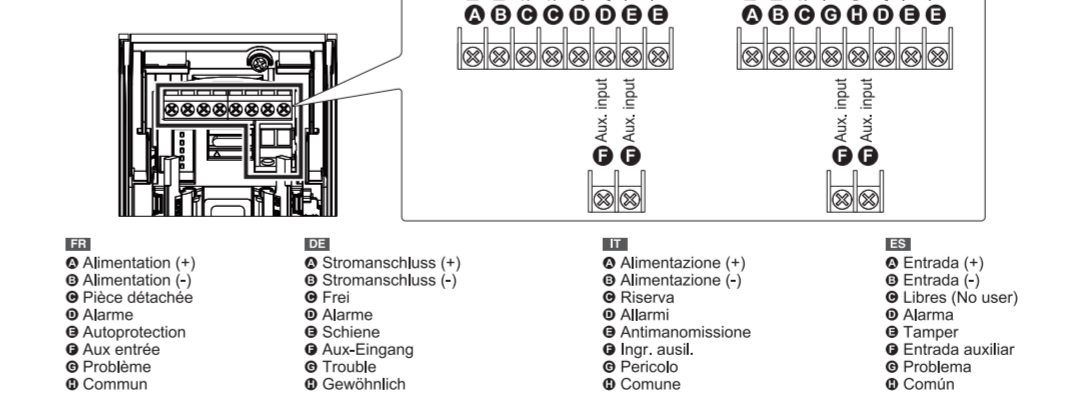
MOUNTING WITH BACK BOX

- MONTAGE POUR BOITIER ARRIERE**
- MONTAGE MIT RÜCKKASTEN**
- MONTAGGIO CON SCATOLA POSTERIORE**
- MONTAJE CON CAJETIN**



WIRING

- CABLAGE**
- VERKABELUNG**
- COLLEGAMENTI**
- CABLEADO**



- Alimentation (+)**
- Alimentation (-)**
- Pièce détachée**
- Alarme**
- Autoprotection**
- Aux entrée**
- Problème**
- Commun**
- Stromanschluss (+)**
- Stromanschluss (-)**
- Frei**
- Alarme**
- Schiene**
- Aux-Eingang**
- Trouble**
- Gewöhnlich**
- Alimentazione (+)**
- Alimentazione (-)**
- Riserva**
- Alarmi**
- Antimanomissione**
- Ingr. ausil.**
- Pericolo**
- Comune**
- Entrada (+)**
- Entrada (-)**
- Libres (No user)**
- Alarma**
- Tamper**
- Entrada auxiliar**
- Problema**
- Común**

Power cable length

Wire gauge	VXI-ST		VXI-AM		VXI-DAM	
	Current draw 20 mA	Current draw 24 mA	Current draw 20 mA	Current draw 24 mA	Current draw 35 mA	Current draw 35 mA
AWG22 (0.33mm ²)	290 m (950 ft)	620 m (2,030 ft)	240 m (790 ft)	520 m (1,710 ft)	160 m (520 ft)	360 m (1,180 ft)
AWG20 (0.52mm ²)	450 m (1,480 ft)	980 m (3,220 ft)	380 m (1,250 ft)	820 m (2,690 ft)	260 m (850 ft)	560 m (1,840 ft)
AWG18 (0.83mm ²)	720 m (2,360 ft)	1,570 m (5,150 ft)	650 m (2,130 ft)	1,310 m (4,300 ft)	410 m (1,350 ft)	900 m (2,950 ft)

PLUG-IN END OF LINE RESISTORS (EOL) (OPTION)

- EXTREMITÉ DE RACCORDEMENT DES RESISTANCES DE LIGNE (EOL) (OPTION)**
- STECKER ENDWIDERSTÄNDE (EOL) (OPTION)**
- RESISTORI DI FINE LINEA (EOL) A INNESTO (OPZIONE)**
- RESISTENCIAS DE FIN DE LINEA (EOL) DE CONECTOR (OPCIÓN)**

This feature may be used when connecting VXI to a control panel that supports the EOL technique.

Cette fonctionnalité peut être utilisée lors de la connexion VXI à un panneau de contrôle qui prend en charge la technique EOL.

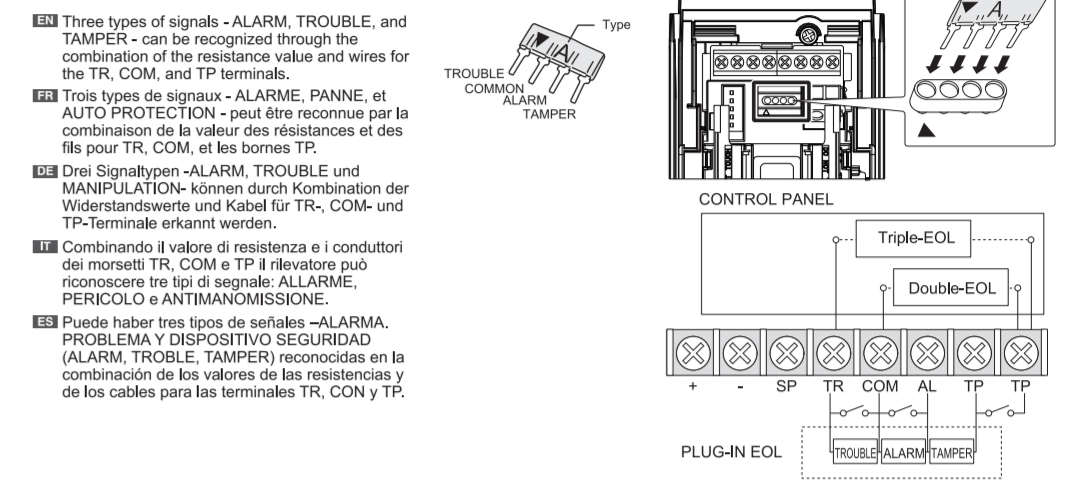
Diese Funktion kann benutzt werden, wenn VXI mit einem Steuerpult, das EOL-Technologie unterstützt, verbunden werden soll.

Questa capacità permette di collegare il VXI a un pannello di controllo compatibile con la tecnica EOL (fine linea).

Se puede usar esta función cuando se conecta VXI a un panel de control que admita la técnica EOL.

When setting the resistance value using PLUG-IN EOL

- Lors du réglage de la valeur de résistance à l'aide de ENFICHABLE EOL**
- Beim Einstellen der Widerstandswerte unter Verwendung eines EOL-STECKERS**
- Impostazione del valore di resistenza in caso di utilizzo di contatti di fine linea a innesto (EOL)**
- Cuando se ajusta el valor de la resistencia usando el PLUG-IN EOL**



When setting the resistance value without using PLUG-IN EOL

- Lors du réglage de la valeur de résistance à l'aide de ENFICHABLE EOL**
- Beim Einstellen der Widerstandswerte ohne EOL-STECKER**
- Impostazione del valore di resistenza in caso di non utilizzo di contatti di fine linea a innesto (EOL)**
- Cuando se ajusta el valor de la resistencia sin usar el PLUG-IN EOL**

Wire resistors between the appropriate terminals as follows:

Resistances de fil entre les bornes appropriées comme suit:

Kabelwiderstände zwischen den angemessenen Terminals wie folgt:

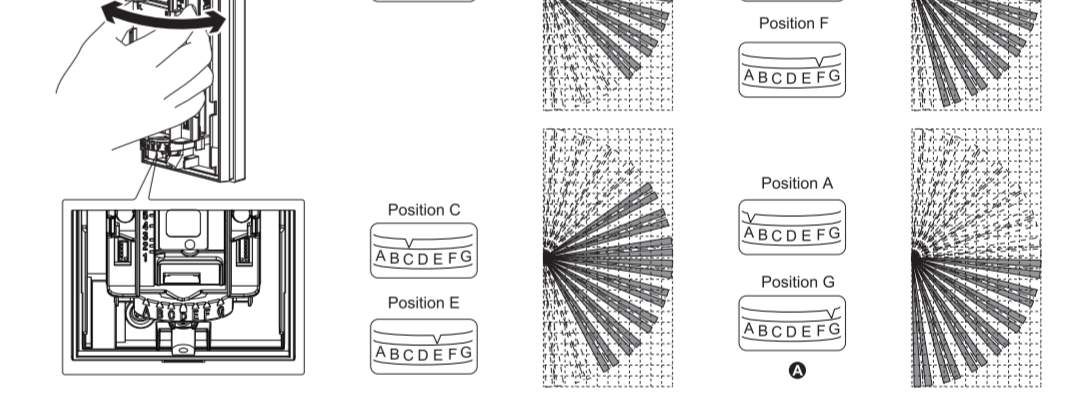
Collegare nel seguente modo i resistori tra i morsetti pertinenti:

Las resistencias entre los terminales apropiados son de la siguiente manera:



AREA ANGLE ADJUSTMENT

- REGLAGE DE LA ZONE ANGLE**
- BEREICHSWINKELANPASSUNG**
- REGOLAZIONE ANGOLARE DELLA ZONA DI RILEVAZIONE**
- AJUSTE DEL ÁNGULO DEL AREA**



- The detection area becomes 14 zones only when A or G is selected.
- La zone de détection ne couvre plus que 14 zones si on sélectionne A ou G.
- Der Prüfungsbereich besteht aus 14 Zonen, aber es A oder G auswählen kann.
- L'area di rilevamento diventa a 16 zone solo quando A o G sono selezionati.
- El área de detección pasa a 14 zonas solo cuando se selecciona A o G.

AREA MASKING

- ZONE DE MASQUAGE**
- BEREICHSMASKIERUNG**
- MASCHERAMENTO**
- ÁREA DE ENMASCARAMIENTO**

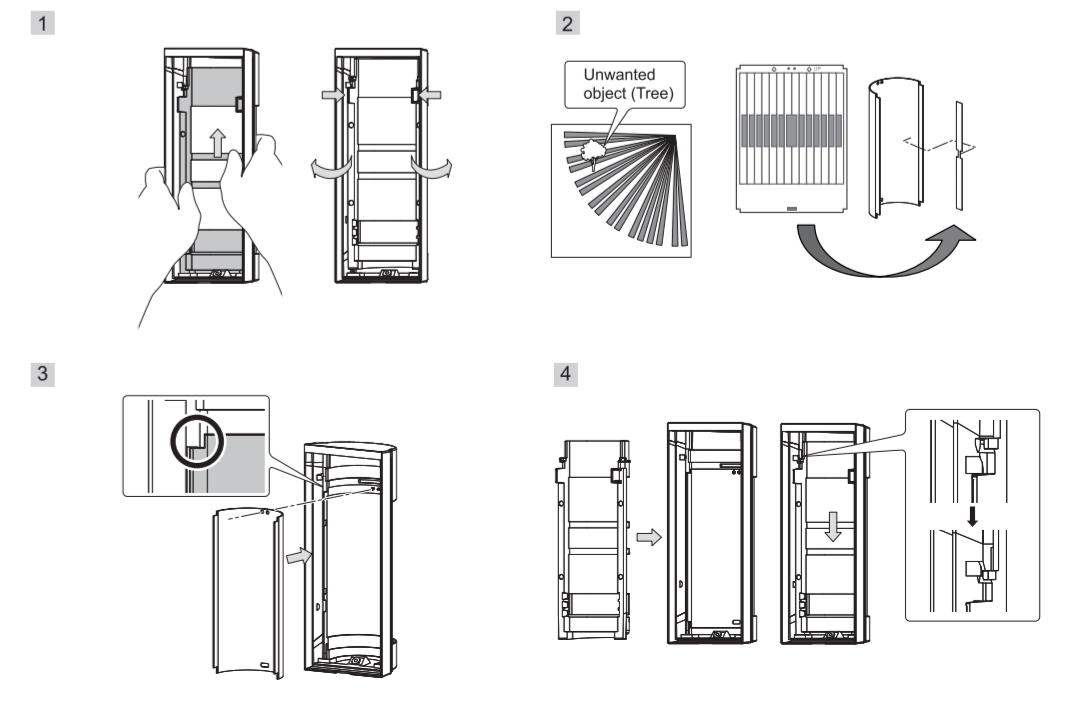
If there is an unwanted object within the detection area, apply an area masking label to the appropriate area.

En cas d'objet non désiré au sein de la zone de détection, appliquer une étiquette de zone de masquage dans la zone appropriée.

Falls sich ein unerwünschtes Objekt im Wahrnehmungsbereich befindet, bringen Sie ein Bereichsmaskierungselkett im betreffenden Bereich an.

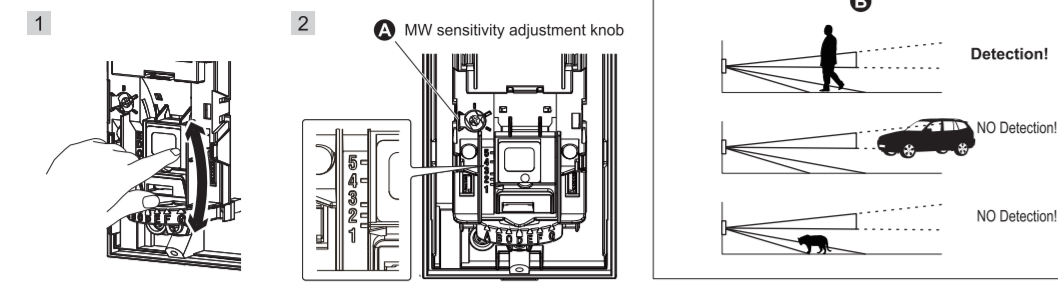
Per impedire il rilevamento indesiderato di corpi nella zona d'interesse occorre applicare le apposite etichette in corrispondenza della direzione di tali corpi.

Si hay algún objeto no deseado dentro del área de detección, coloque una máscara autoadhesiva en el área pertinente.



2-10 DETECTION LENGTH ADJUSTMENT

REGLAGE DE LA LONGUEUR DE DETECTION
WAHRNEHMUNGS-LÄNGEN-ANPASSUNG
REGOLAZIONE DELLA DISTANZA DI RILEVAMENTO
AJUSTE DE LA DISTANCIA DE DETECCIÓN



- Adjust the PIR detection length by sliding the lower PIR to the desired position.
- Adjust the MW detection length by rotating the MW sensitivity adjustment knob according to the PIR area.
- MW sensitivity adjustment knob
- BOTH DETECTION AREAS MUST BE BLOCKED FOR DETECTION

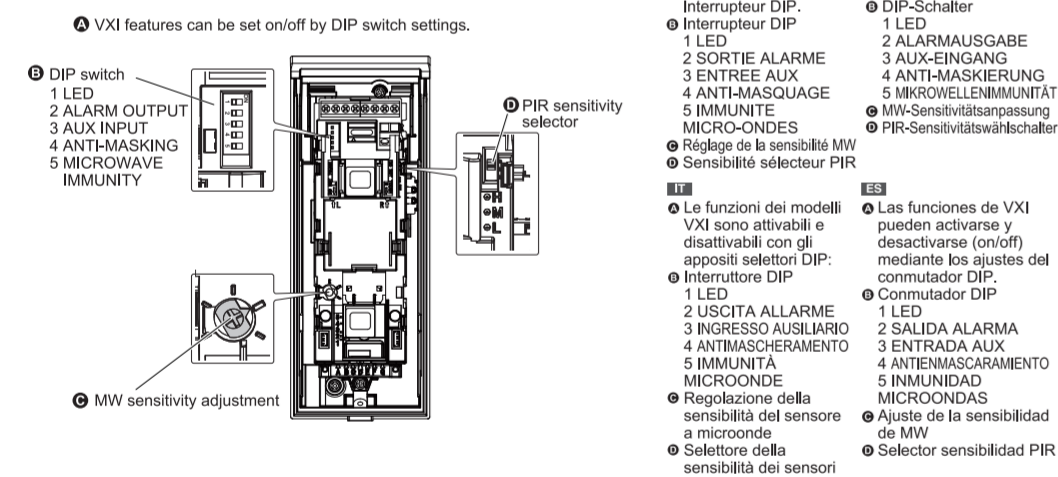
2-11 DETECTION LENGTH SETTING CHART

EN Position	Max detection length	Detection area	MW sensitivity adjustment
1 (Factory default)	12.0 m (40.0 ft)	Zone de détection	Régler la sensibilité MW
2	10.0 - 17.0 m (32.1 - 55.8 ft)	Zone de détection	Régler la sensibilité MW
3	8.5 m (27.9 ft)	Zone de détection	Régler la sensibilité MW
4	7.0 - 12.0 m (23.0 - 39.4 ft)	Zone de détection	Régler la sensibilité MW
5	6.0 m (19.7 ft)	Zone de détection	Régler la sensibilité MW
6	5.0 - 8.5 m (16.4 - 27.9 ft)	Zone de détection	Régler la sensibilité MW
7	3.5 m (11.5 ft)	Zone de détection	Régler la sensibilité MW
8	3.0 - 6.0 m (9.8 - 19.7 ft)	Zone de détection	Régler la sensibilité MW
9	2.5 m (8.2 ft)	Zone de détection	Régler la sensibilité MW
10	2.0 - 3.5 m (6.6 - 11.5 ft)	Zone de détection	Régler la sensibilité MW

- The maximum detection length may vary due to environmental thermal conditions.
- The longest maximum detection length may vary in function of conditions of environment.
- The maximum detection length may vary in function of conditions of environment.
- The longest maximum detection length may vary in function of conditions of environment.

3 SWITCH SETTING

RÉGLAGES DES INTERRUPTEUR DIP
SCHALTEREINSTELLUNGEN
IMPOSTAZIONE DEI SELETTORI
AJUSTE DEL COMANDADOR DIP



EN	FR	DE	IT	ES
ON (Factory default)	LED ON	LED EIN	LED acceso	Activación del LED
OFF	LED OFF	LED AUS	LED spento	Desactivación del LED

3-1 ALARM OUTPUT

EN	FR	DE	IT	ES
N.O.	N.O. output	N.O. Sortie	Nicht geschlossen (Ausgabe)	Contatto N.C. ai morsetti USCITA GUASTO
N.C.	N.C. output	N.C. Sortie	Geschlossen (Ausgabe)	Contatto N.C. ai morsetti USCITA GUASTO

3-2 AUX INPUT

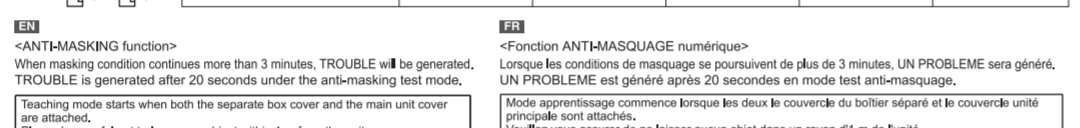
EN	FR	DE	IT	ES
AND	AND	UND	AND	Y
OR	OR	ODER	OR	O

When either the main unit or the secondary detector someone, the alarm is activated.

- By connecting a secondary unit (another wireless sensor), you can extend the detection area and correct false alarms.
- When a second unit is connected, you can extend the detection area and correct false alarms.
- When a second unit is connected, you can extend the detection area and correct false alarms.
- When a second unit is connected, you can extend the detection area and correct false alarms.

3-3 ANTI-MASKING

EN	FR	DE	IT	ES
ON (Factory default)	ANTIMASKING ON	ANTIMASKIERUNG ON	ANTIMASKERAMENTO ON	Activación del Antimascaramiento
OFF	ANTIMASKING OFF	ANTIMASKIERUNG OFF	ANTIMASKERAMENTO AUS	Desactivación del Antimascaramiento



- When making condition continues more than 3 minutes, TROUBLE will be generated.
- When making condition continues more than 3 minutes, TROUBLE will be generated.
- When making condition continues more than 3 minutes, TROUBLE will be generated.
- When making condition continues more than 3 minutes, TROUBLE will be generated.

3-4 MICROWAVE IMMUNITY

EN	FR	DE	IT	ES
ON (Factory default)	IMMUNITY ON	IMMUNITÄT ON	IMMUNITÀ ON	Activación de la Inmunidad
OFF	IMMUNITY OFF	IMMUNITÄT AUS	IMMUNITÀ AUS	Desactivación de la Inmunidad

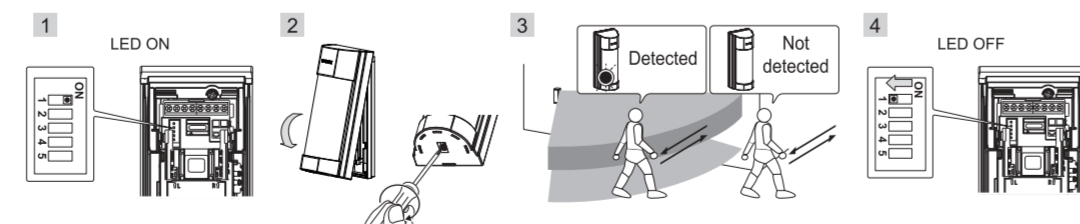
- When the microwave immunity is activated, it prevents the alarm from being triggered by a microwave oven.
- When the microwave immunity is activated, it prevents the alarm from being triggered by a microwave oven.
- When the microwave immunity is activated, it prevents the alarm from being triggered by a microwave oven.
- When the microwave immunity is activated, it prevents the alarm from being triggered by a microwave oven.

3-5 PIR SENSITIVITY

EN	FR	DE	IT	ES
High sensitivity	Haute sensibilité	Hohe Sensitivität	Alta sensibilità	Sensibilidad alta
Medium sensitivity	Sensibilité moyenne	Mittlere Sensitivität	Media sensibilità	Sensibilidad media
Low sensitivity	Faible sensibilité	Niedrige Sensitivität	Bassa sensibilità	Sensibilidad baja

4 WALK TEST

TEST DE MARCHÉ
GEHTEST
PROVA DI MOVIMENTO
PRUEBA DE FUNCIONAMIENTO



5 LED INDICATION

EN	FR	DE	IT	ES
LED ON	LED ON	LED EIN	LED acceso	Activación del LED
LED OFF	LED OFF	LED AUS	LED spento	Desactivación del LED

- When the LED is lit, it indicates that the alarm is active.
- When the LED is lit, it indicates that the alarm is active.
- When the LED is lit, it indicates that the alarm is active.
- When the LED is lit, it indicates that the alarm is active.

EN	FR	DE	IT	ES
Warm-up	Préparation	Aufwärmen	Preparazione	Calentamiento
Alarm	Alarme	Alarm	Allarme	Alarma
Masking detection	Détection de masquage	Maskierungswahrnehmung	Rilevamento di un'azione di mascheramento	Antimascaramiento
MW detection	Détection MW	MW-Wahrnehmung	Rilevamento di MW	Detección de MW
Masking detection	Maquage de détection	Maskierungswahrnehmung	Rilevamento di un'azione di mascheramento	Detección de MW

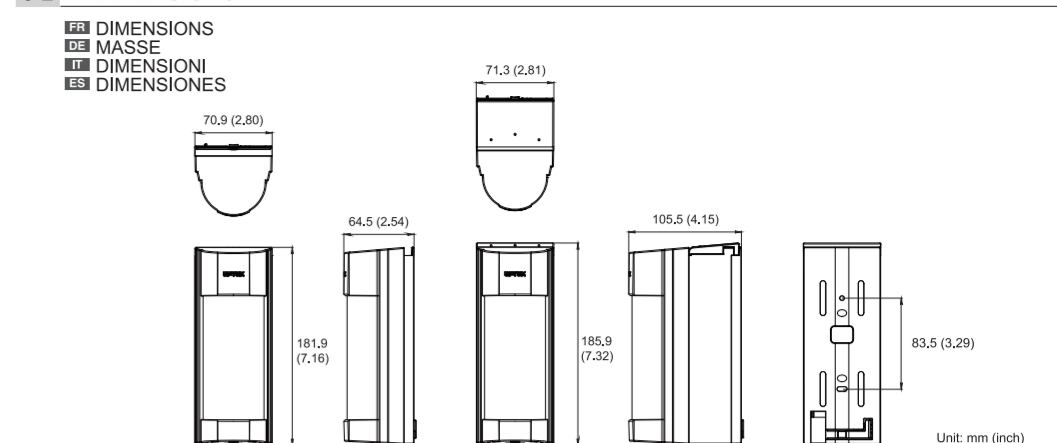
6 SPECIFICATIONS

Model	VXI-ST	VXI-AM	VXI-DAM
Detection method	Passive infrared	Passive infrared	Passive infrared & Microwave
PIR Coverage	12.0 m (40 ft) 90° wide / 16 zones	12.0 m (40 ft) 90° wide / 16 zones	12.0 m (40 ft) 90° wide / 16 zones
PIR distance limit	12 - 2.5 m (5 levels)	12 - 2.5 m (5 levels)	12 - 2.5 m (5 levels)
Detectable speed	0.3 - 1.5 m/s (0.98 - 4.92 ft/s)	0.3 - 1.5 m/s (0.98 - 4.92 ft/s)	0.3 - 1.5 m/s (0.98 - 4.92 ft/s)
Sensitivity	2.0°C (3.6°F) at 0.6 m/s	2.0°C (3.6°F) at 0.6 m/s	2.0°C (3.6°F) at 0.6 m/s
Power input	9.5 - 18 V DC	9.5 - 18 V DC	9.5 - 18 V DC
Current draw	20 mA (max.) at 12 V DC	24 mA (max.) at 12 V DC	35 mA (max.) at 12 V DC
Alarm period	2.0 ± 1 sec.	2.0 ± 1 sec.	2.0 ± 1 sec.
Warm-up period	Approx. 60 sec. (LED blink)	Approx. 60 sec. (LED blink)	Approx. 60 sec. (LED blink)
Alarm output	N.C. / N.O. Selectable 28 V DC 0.1 A (max)	N.C. / N.O. Selectable 28 V DC 0.1 A (max)	N.C. / N.O. Selectable 28 V DC 0.1 A (max)
Trouble output	N.C. / N.O. Selectable 28 V DC 0.1 A (max)	N.C. / N.O. Selectable 28 V DC 0.1 A (max)	N.C. / N.O. Selectable 28 V DC 0.1 A (max)
Tamper output	N.C. / N.O. Selectable 28 V DC 0.1 A (max) open when cover removed.	N.C. / N.O. Selectable 28 V DC 0.1 A (max) open when cover removed.	N.C. / N.O. Selectable 28 V DC 0.1 A (max) open when cover removed.
LED indicator	Red: Warm-up, alarm, masking detection (VXI-AM only)	Red: Warm-up, alarm, masking detection (VXI-AM only)	Red: Warm-up, alarm, masking detection (VXI-AM only)
RF interference	No alarm 10 V/m	No alarm 10 V/m	No alarm 10 V/m
Operating temperature	-30 ~ +60°C (-22 ~ +140°F)	-20 ~ +45°C (-4 ~ +113°F)	-20 ~ +45°C (-4 ~ +113°F)
Environment humidity	95% max.	95% max.	95% max.
International protection	IP55	IP55	IP55
Mounting	Wall, Pole (Outdoor, Indoor)	Wall, Pole (Outdoor, Indoor)	Wall, Pole (Outdoor, Indoor)
Mounting height	0.8 - 1.2 m (2.64 - 3.94 ft)	0.8 - 1.2 m (2.64 - 3.94 ft)	0.8 - 1.2 m (2.64 - 3.94 ft)
Weight	500 g (17.7 oz.)	600 g (21.2 oz.)	600 g (21.2 oz.)
Accessories	Screw (4x20 mm) x2, Wiring sponge x3, Masking seal x3	Screw (4x20 mm) x2, Wiring sponge x3, Masking seal x3	Screw (4x20 mm) x2, Wiring sponge x3, Masking seal x3

6-1 SPECIFICATIONS

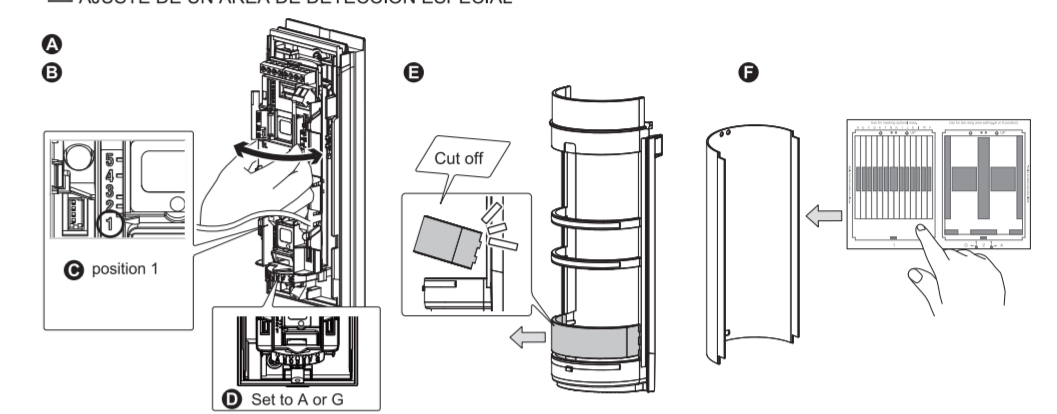
- VXI series complies with following Directives / Standards.
- Directive: EMC Directive 2004/108/EC
- Applied Standards: EN 60950-1:2005, EN 55022:2010
- VXI-DAM also complies with following Directives / Standards marked **CE0700** Class II
- Directive: R&TTE Directive 1999/5/EC
- Applied Standards: EN 300 440-2: V1.1, EN 301 488-1: V1.1, EN 62311: 2008, EN 60950-1: 2006 +A11: 2009 +A10: 2010 +A12: 2011
- The following list indicates the areas of internal use of the equipment and any known restrictions, for countries not included in this list, please consult the responsible Spectrum Management Agency.
- 10255 GHz: Belgium, Denmark, Finland, Greece, Italy, Luxembourg, The Netherlands, Spain, Sweden, Iceland, Norway, Switzerland
- 10280 GHz: France, Ireland, United Kingdom, Belgium, The Netherlands, Luxembourg
- 13700 GHz: Austria, Finland, Czech Republic, Slovakia
- We declare the DC power source provided to the product is DC 9V to 18V and must be limited power source comply EMC 60950-1 chapter 25.
- UL-UL listed.

6-2 DIMENSIONS



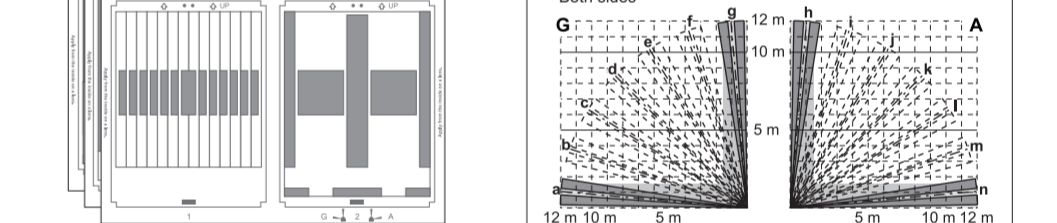
7 SETTING OF SPECIAL DETECTION AREA

REGLAGE DE LA ZONE DE DETECTION SPECIAL
EINSTELLEN LUNGE SPEZIELLER WAHRNEHMUNGSBEREICHE
IMPOSTAZIONE DI ZONE DI RILEVAMENTO SPECIALI
AJUSTE DE UN AREA DE DETECCION ESPECIAL

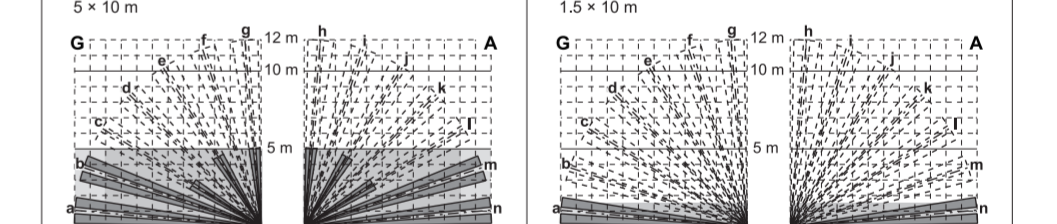


- Using masking seals 2 to 6, you can set a special detection area for the horizontal position A or G.
- Using masking seals 2 to 6, you can set a special detection area for the horizontal position A or G.
- Using masking seals 2 to 6, you can set a special detection area for the horizontal position A or G.
- Using masking seals 2 to 6, you can set a special detection area for the horizontal position A or G.

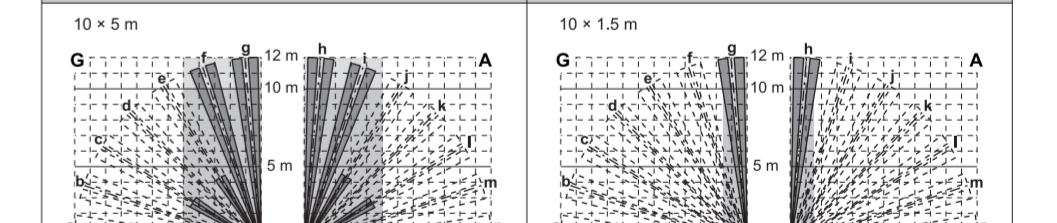
7-1 MASKING SEAL 2



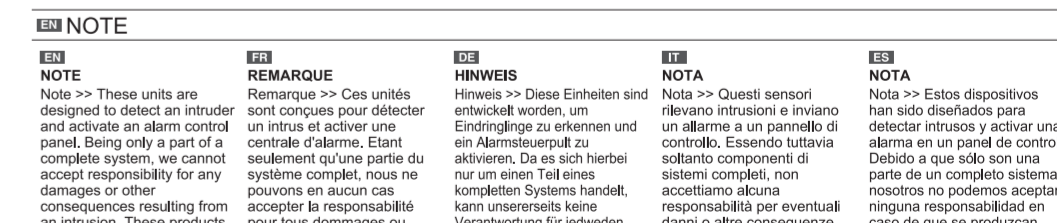
7-2 MASKING SEAL 3



7-3 MASKING SEAL 4



7-4 MASKING SEAL 5



7-5 MASKING SEAL 6



7-6 NOTE

- Note: These units are designed to detect an intruder and activate an alarm control panel.
- Remarque: Ces unités sont conçues pour détecter un intrus et activer un panneau de contrôle d'alarme.
- Hinweis: Diese Einheiten sind entwickelt worden, um Eindringlinge zu erkennen und ein Alarmsteuerfeld zu aktivieren.
- Nota: Questi sensori rilevano intrusioni e inviano un segnale a un pannello di controllo.
- Nota: Estos dispositivos han sido diseñados para detectar intrusos y activar una alarma en un panel de control.



OPTEX INC. (U.S.)
OPTEX DO BRASIL LTD. (Brazil)
OPTEX (EUROPE) LTD. / EMEA HQ (U.K.)
OPTEX TECHNOLOGIES B.V. (The Netherlands)
OPTEX SECURITY SAS (France)
OPTEX (DONGUANG) CO., LTD. SHANGHAI OFFICE (China)