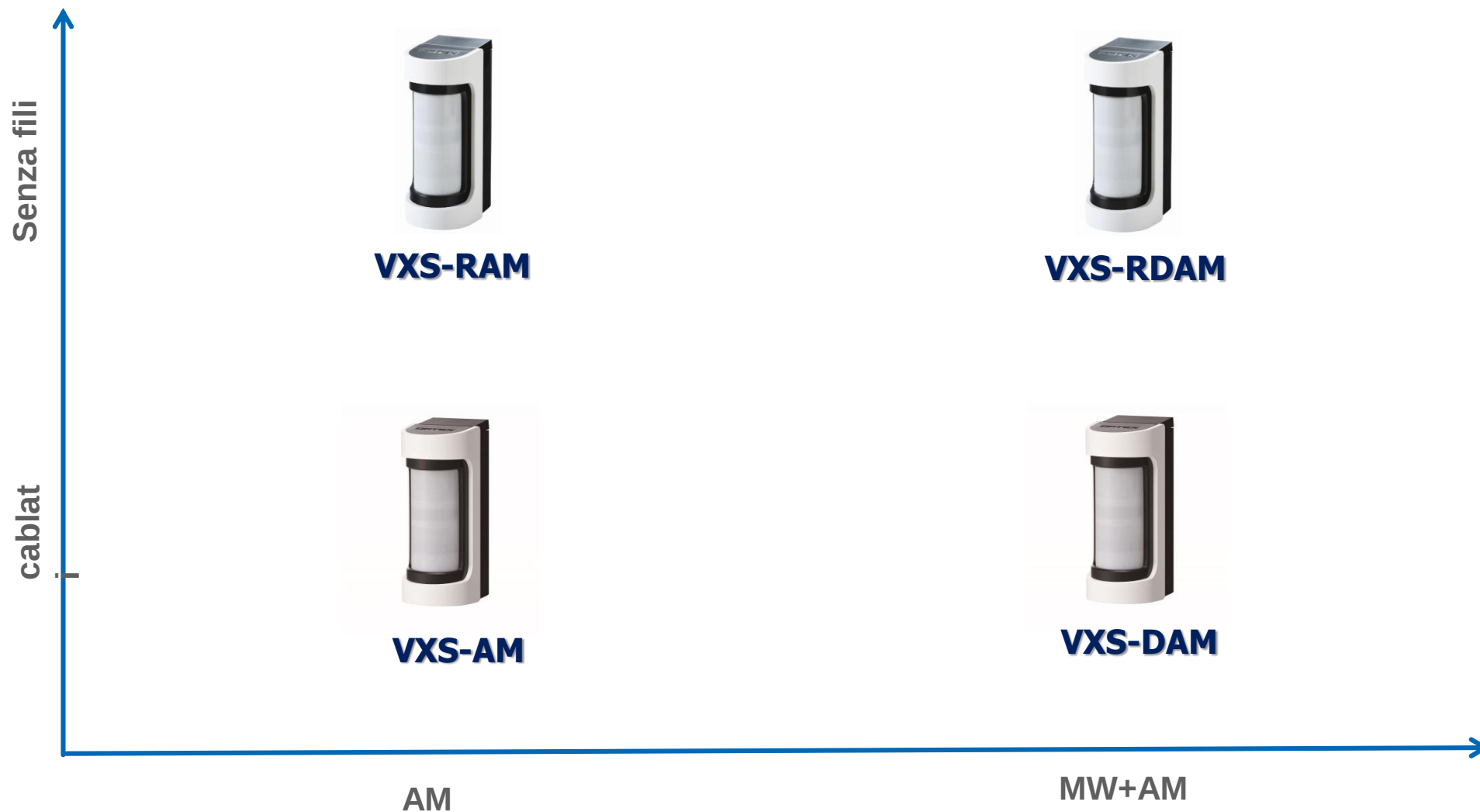


OPTEX Serie SHIELD



Panoramica VX Shield - Posizionamento -

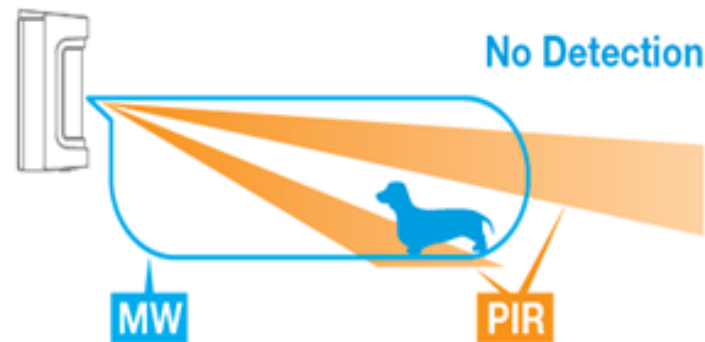


RILEVAZIONE DIGITALE A TRIPLO LIVELLO

Entrambe le aree di rilevazione PIR e l'area MW devono essere attraversate contemporaneamente per generare un allarme.

Ogni attivazione è analizzata indipendentemente per filtrare e ignorare eventi di disturbo.

Questa tecnologia elimina virtualmente qualunque rilevazione non corretta di piccoli animali nell'area protetta.



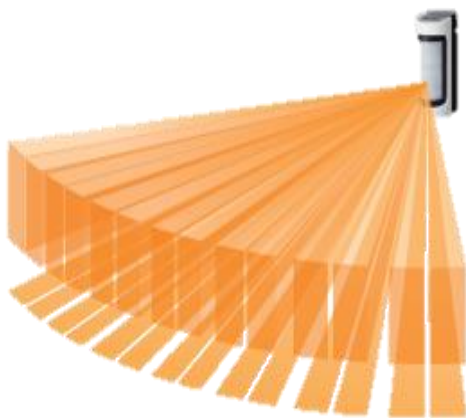


Affidabile

Area rilevazione 12 m a triplo livello

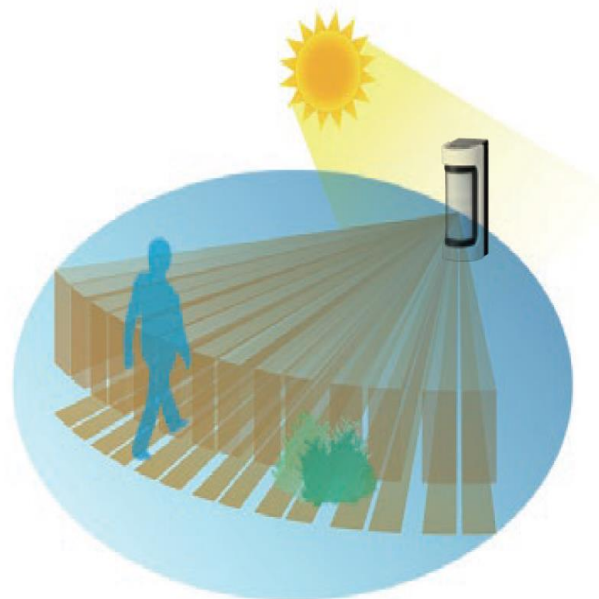
Rivelatore PIR con anti-mascheramento

VXS-AM (cablato), VXS-RAM (basso assorbimento)
IR attivo anti-mascheramento rileva la copertura della lente.



Rivelatore PIR/MW con anti-mascheramento

VXS-DAM (cablato), VXS-RDAM (basso assorbimento)
Algoritmo integrato di entrambi PIR e MW garantiscono la massima stabilità nelle condizioni di rilevazione. Se installati in condizioni di luce solare diretta o di luci dirette dai veicoli, DAM/RDAM offrono una maggiore immunità ai falsi allarmi.





Conveniente

Variante opzionale colore / Uso e installazione facilitata

Cover frontale intercambiabile

Bianco (standard)
Argento (opzione)
Nero (opzione)



Black cover / Black body



White cover / White body



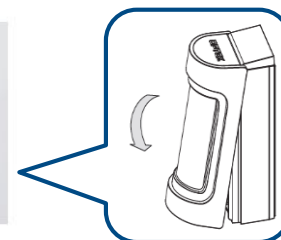
Silver cover / Black body



Uso e installazione facilitata

Tutte le operazioni iniziano col blu.

One touch opening cover



Apertura coperchio facilitata
tramite rotazione del blocco
di 90 gradi

Blued colored terminals



Blued colored touch points



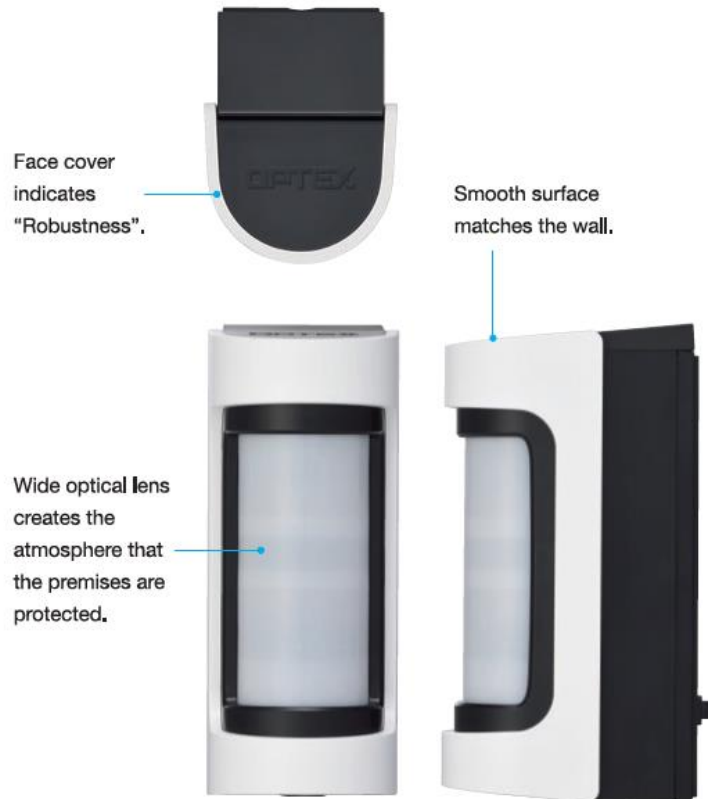
Level bubble





Sicuro

Un senso di sicurezza studiato per Voi



White cover /
White body models



VXS-AM (W)
VXS-DAM (W)
VXS-RAM (W)
VXS-RDAM (W)

Caratteristiche

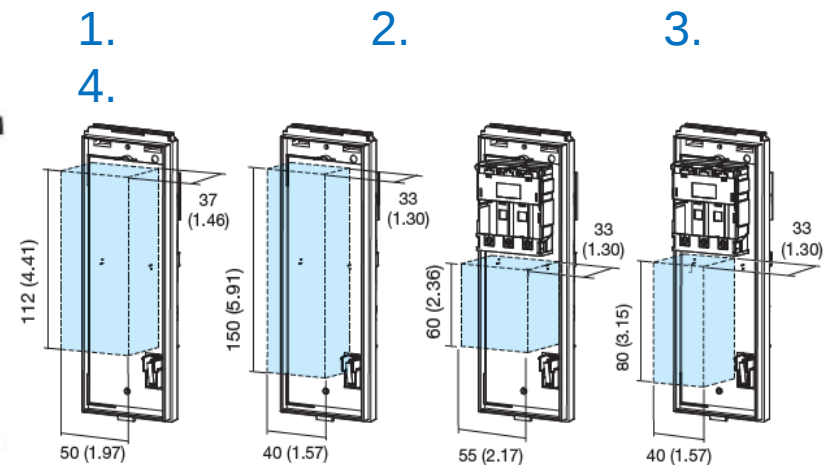
Versioni a basso assorbimento (VXS-RAM / VXS-RDAM)

Lunga durata delle batterie di 6 anni (VXS-RAM)
Fondo multifunzione (VXS-RAM/ VXS-RDAM)

Model	VXS-RAM		VXS-RDAM	
Interval (sec.)	120	5	120	5
Approx.years	6	5	4	3
	4	3	2	1
	5	4	3	2

Battery type
CR123A (3 V DC, 1300 mAh)
CR2 (3 V DC, 750 mAh)
1/2 AA (3 V DC, 1000 mAh)

Calculations based on ;
Single type battery, no power
sharing with transmitter, LED
OFF and Anti-masking ON.



Caratteristiche

Contenitori Shield

Protezione da acqua e polvere IP 55
Corpo resistente agli UV



Caratteristiche

Anti stacco (tutti i modelli)

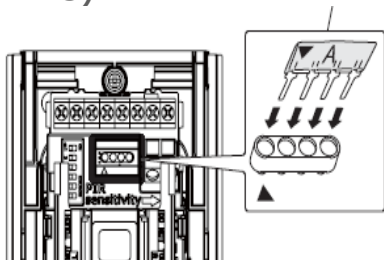
L'uscita di guasto viene attivata per
Attivazione antistacco o antiapertura



Caratteristiche

Modulo EOL (solo VXS-AM,DAM)

Disponibili moduli opzionali di resistenze EOL (End of line).



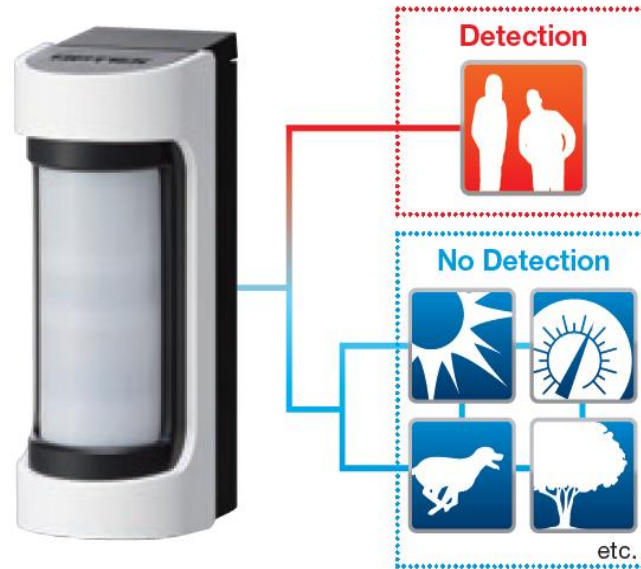
Item	Trouble	Alarm	Tamper	Panels
PEU-B	6.8K	4.7K	4.7K	Old GE/Aritech
PEU-C	12.0K	1.1K	1.1K	Honeywell Galaxy (U.K.)
PEU-D	3.0K	1.1K	1.1K	Honeywell Galaxy (Benelux)
PEU-E	15.0K	1.1K	1.1K	Satel
PEU-F	5.6K	5.6K	5.6K	DSC
PEU-G	8.2K	8.2K	8.2K	Guardall
PEU-H	2.2K	4.7K	2.2K	Old Texecom, Cooper, Scantronics etc.
PEU-I	1.0K	3.3K	3.3K	New Texecom, NetworX, Inim
PEU-J	12.0K	6.8K	4.7K	Risco ProSYS
PEU-K	2.2K	1.0K	1.0K	Siemens SPC

No warranty is given as to the fitness of this option with noted above manufacture's product.
Please check on specifications of a control panel before you buy this option.
Some models do not have a trouble output.

Caratteristiche

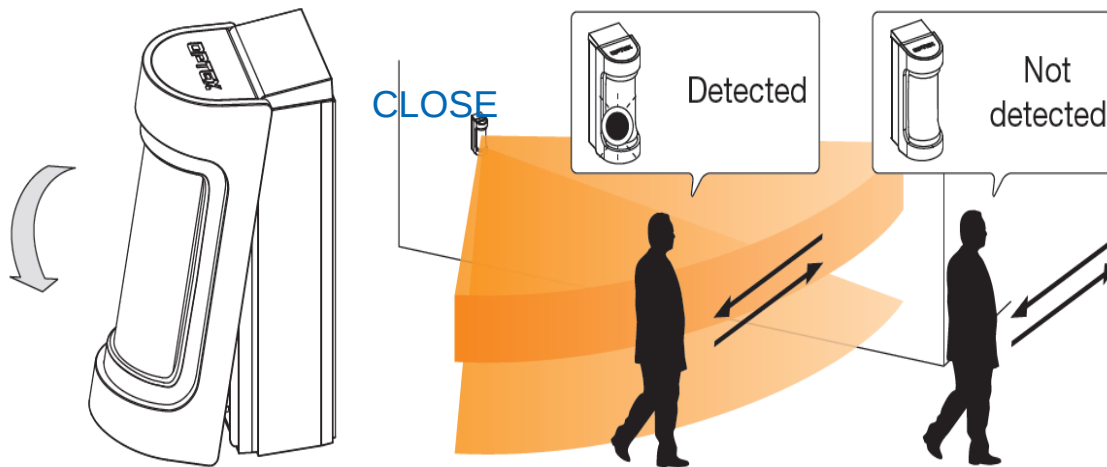
Logica SMDA (super multidimensional analysis)

Tutti i modelli VXS sono equipaggiati con una logica di riconoscimento digitale del segnale chiamata SMDA. SMDA migliora l'immunità verso vari fattori di rumore come cambiamenti di clima o movimenti della vegetazione



Prova funzionamento automatico

Riposizionare il coperchio e il “WALK TEST” inizia automaticamente.
“WALK TEST” finisce dopo 3 minuti che il coperchio è stato riposizionato con l’indicazione del LED lampeggiante per 5 secondi.



Specifiche

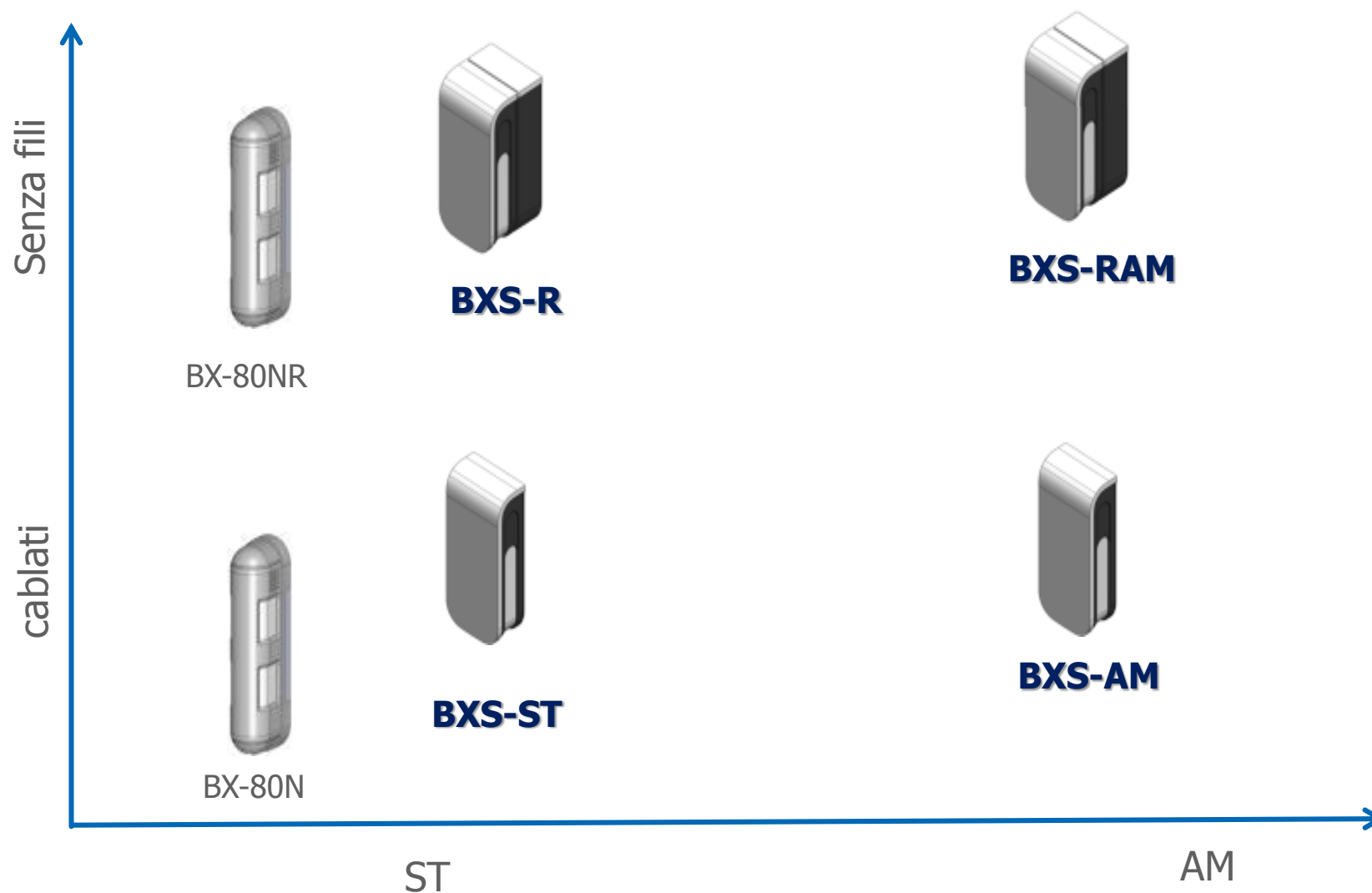
Model	VXS-AM		VXS-DAM	VXS-RAM	VXS-RDAM
Detection method	Passive infrared		Passive infrared & Microwave	Passive infrared	Passive infrared & Microwave
PIR Coverage	12 m (40 ft) 90° wide / 16 zones			12 m (40 ft) 90° wide / 16 zones	
PIR distance limit	2.5 to 12 m (5 levels)			2.5 to 12 m (5 levels)	
Detectable speed	0.3 to 2.0 m / s (1' to 6'7" / s)			0.3 to 2.0 m / s (1' to 6'7" / s)	
Sensitivity	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 to 18 V DC			3 to 9 V DC Lithium or Alkaline Battery	
Current draw (except walk test)	24 mA max. at 12 V DC	35 mA max. at 12 V DC	10 µ A standby / 4 mA max. at 3 V DC	18 µ A standby / 8 mA max. at 3 V DC	
Alarm period	2.0 ± 0.1 sec.			2.0 ± 0.1 sec.	
Warm-up period	Approx. 60 sec. (LED blinks)			Approx. 60 sec. (LED blinks)	
Alarm output	N.C. / N.O. Selectable 28 V DC 0.1 A max.			N.C. / N.O. Selectable-Solid State Switch 10 V DC 0.01 A max.	
Trouble output	N.C. 28 V DC 0.1 A max.			N.C. / N.O. Selectable-Solid State Switch 10 V DC 0.01 A max.	
Tamper output	N.C. 28 V DC 0.1 A max. open when cover removed				
LED indicator	Red LED ; 1. Warm-up 2. Alarm 3. Masking detection	Red LED ; 1. Warm-up 2. Alarm 3. Masking detection + Yellow LED ; 1. Warm-up 2. MW detection	Red LED ; 1. Warm-up 2. Alarm 3. Masking detection	Red LED ; 1. Warm-up 2. Alarm 3. Masking detection + Yellow LED ; 1. Warm-up 2. MW detection	
	(DIP switch ON or Walk test)			(DIP switch ON or Walk test)	
Operation temperature	-20°C to +60°C (-4°F to +140°F)	-20°C to +45°C (-4°F to +113°F)	-20°C to +60°C (-4°F to +140°F)	-20°C to +45°C (-4°F to +113°F)	
Environment humidity	95 % max.			95 % max.	
International protection	IP55			IP55	
Mounting	Wall, Pole (Outdoor,Indoor)			Wall, Pole (Outdoor,Indoor)	
Mounting height	0.8 to 1.2 m (2'7" to 4')			0.8 to 1.2 m (2'7" to 4')	
Weight	400 g (14.1 oz.)	450 g (15.9 oz.)	500 g (17.6 oz.)	550 g (19.4 oz.)	
Accessories	Screw (4 x 20 mm) x 2, Masking seal x 3			Connector for POWER and ALARM,Connector for TROUBLE, Velcro tape, Screw (4 x 20 mm) x 2, Masking seal x 3	

* Specifications and designs are subject to change without prior notice.

* These units are designed to detect an intruder and activate an alarm control panel.

Being only a part of a complete system, we cannot accept responsibility for any damages or other consequences resulting from an intrusion.

1. Panoramica NX Shield - Posizionamento -



Confronto con BX-80 -

✓Modelli di alta gamma che hanno migliorato le prestazioni della serie BX-80N.

	BXS (cablato)	BXS (basso assorb.)	BX-80N
Immagine			

Modello	BXS-ST BXS-AM	BXS-R BXS-RAM	BX-80N (cablato) BX-80NR(basso assorb.)
Dimensioni	202.4 x 92.3 x 51.2 mm (senza distanziale) 203 x 92.3 x 97 mm (con distanziale)	203 x 92.3 x 97 mm	232.7 x 55 x 68.7mm (cablato) 235 x 56 x 128 mm (basso assorb.)
Pyro-elementi	4	4	2
Anti-mascheram.	SI (BXS-AM)	SI (BXS-RAM)	NO

Benefici – Installazione facilitata

✓ **Blocco con rotazione a 90°**

Coperchio facile da aprire/chiusure.



Blocco con rotazione 90 °

✓ **Livella a bolla**

E' facile vedere se il rivelatore è installato parallelo al terreno

✓ **Componenti blu**

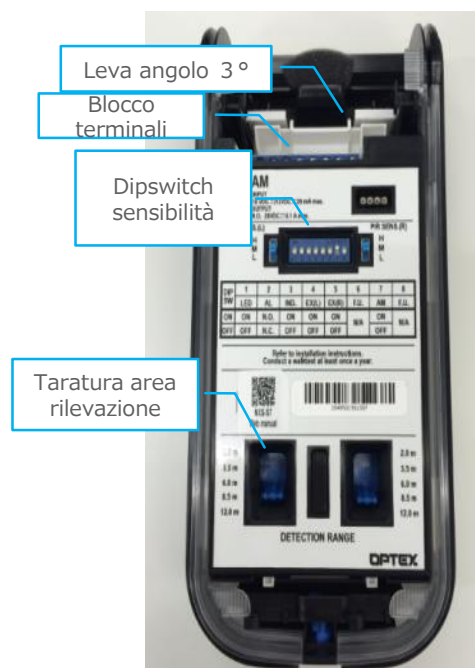
Riconoscimento facilitato dei punti da "toccare"

✓ **Taratura area**

Taratura semplice dell'area di rilevazione

✓ **"Test walk" automatico**

Il test inizia automaticamente alla chiusura del coperchio



Identificazione parti

Parti



Accessori

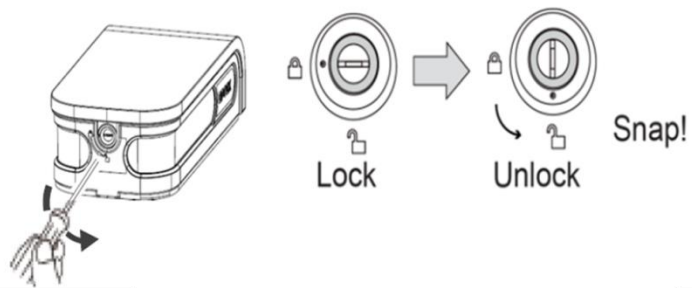


Opzioni



Smontaggio

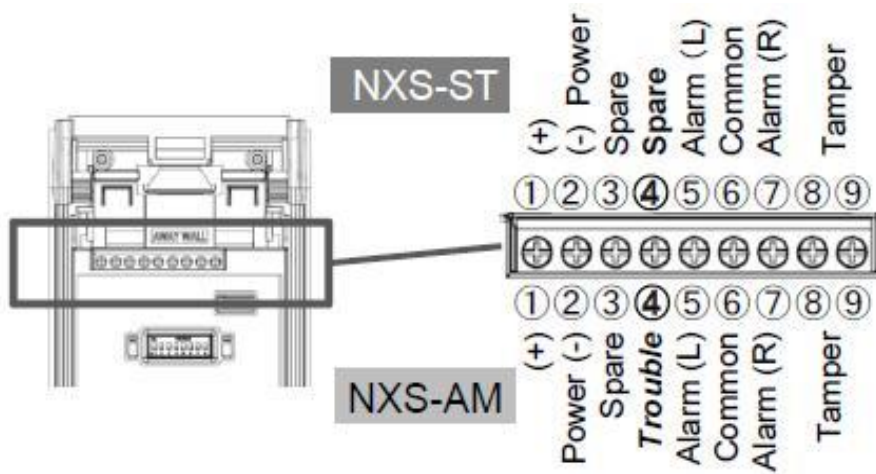
Apertura coperchio



Smontaggio elettronica

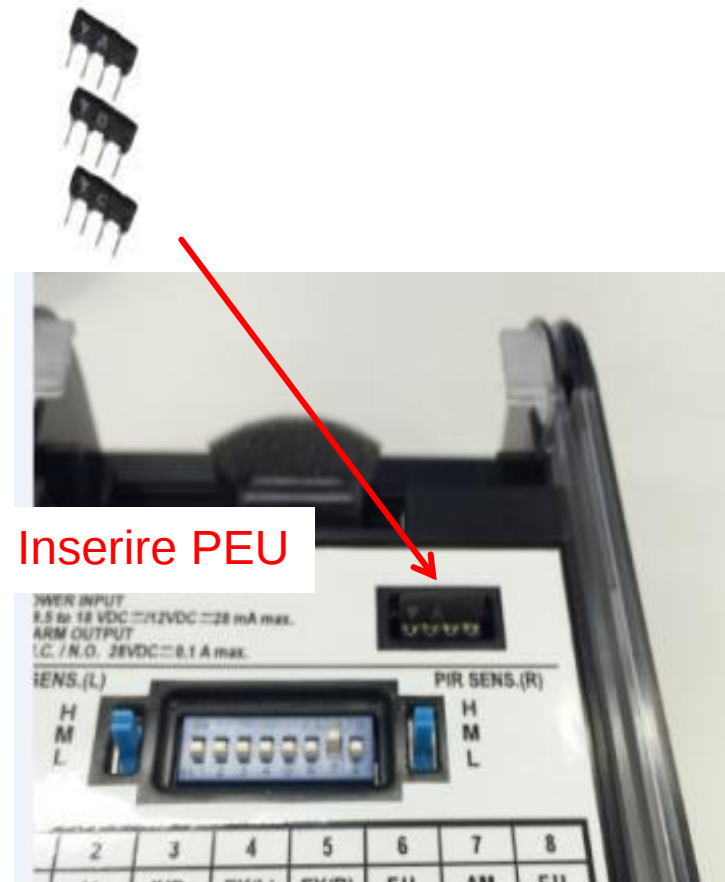
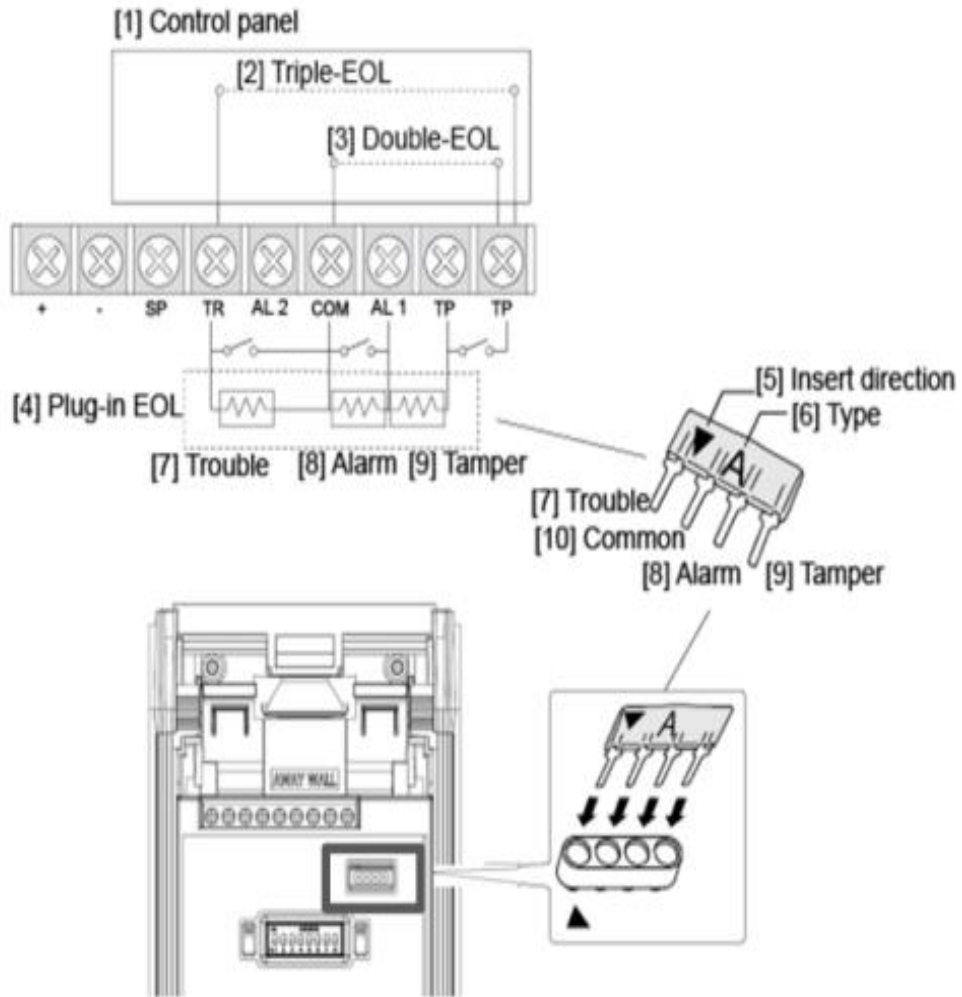


Cablaggio



Plug-in EOL (PEU)

Solo modelli cablati



Taratura angolo area rilevazione PIR



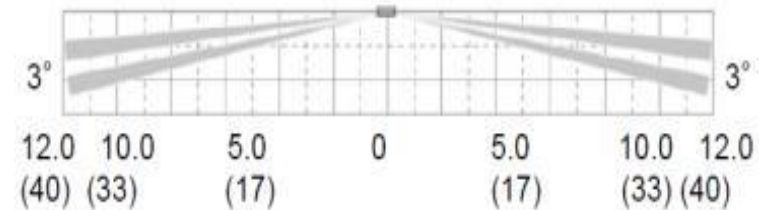
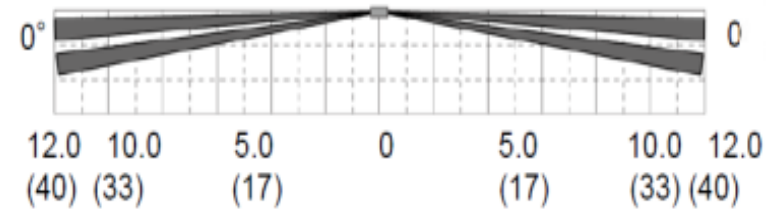
Leva angolo



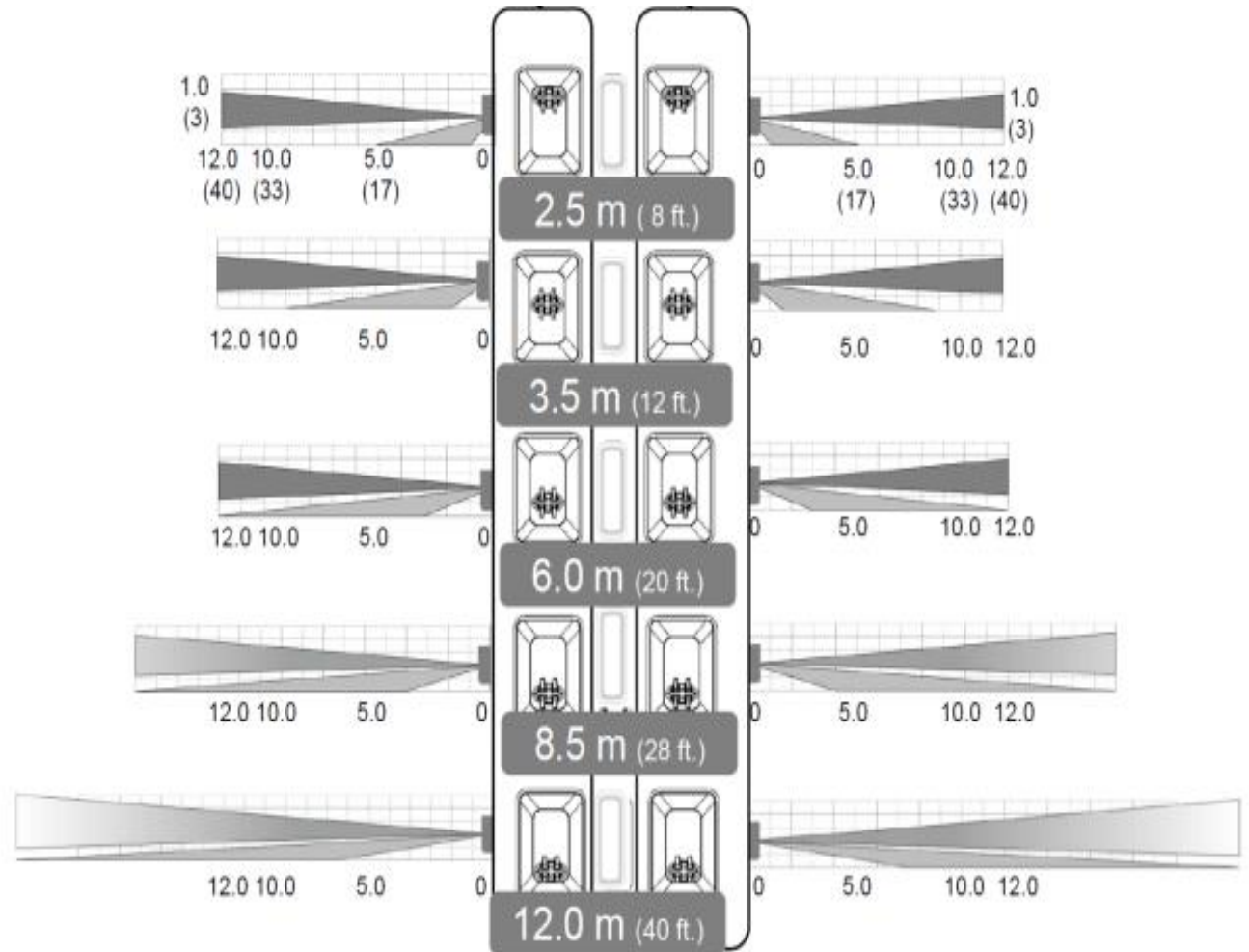
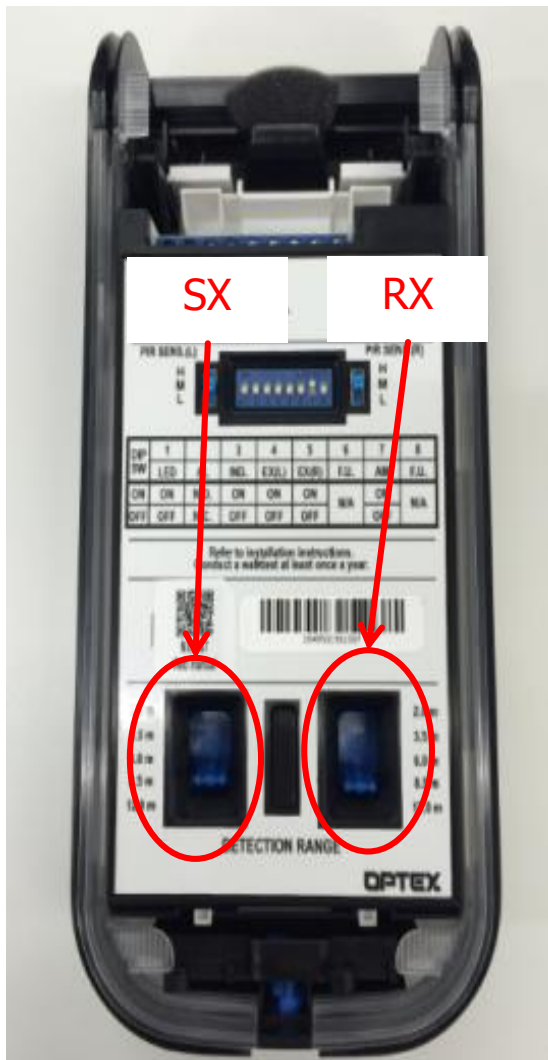
Verso muro



Lontano dal muro



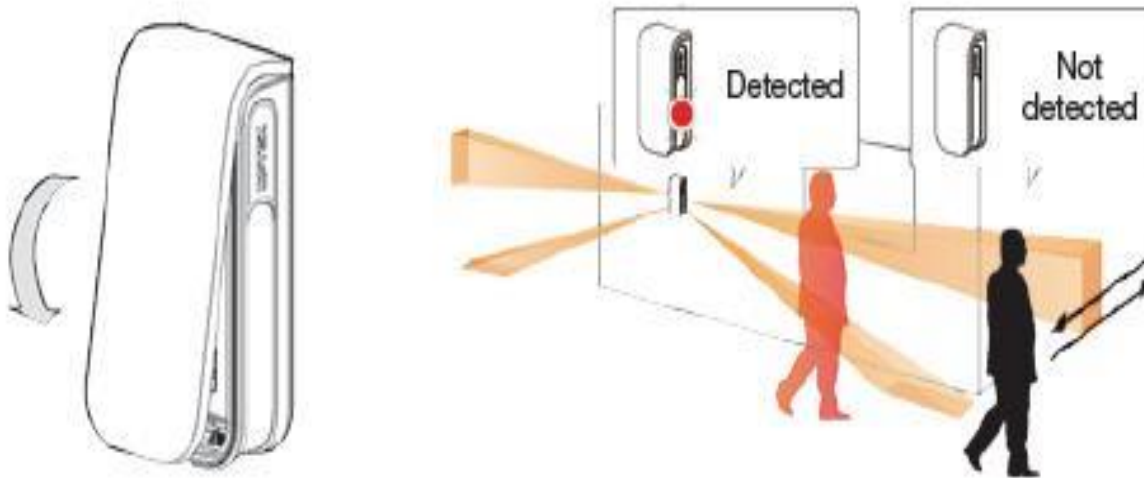
Taratura area rilevazione PIR



Walk test automatico

Riposizionare il coperchio e il “WALK TEST” inizia automaticamente.

“WALK TEST” finisce dopo 3 minuti che il coperchio è stato riposizionato con l’indicazione del LED lampeggiante per 5 secondi (25 lampeggi).

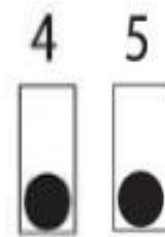


Uscite individuali

Dipswitch 3 Setting	Detection pattern	Alarm(L) output	Alarm(R) output
 OFF (Default)	 Left area detection	Alarm	Alarm
	 Right area detection	Alarm	Alarm
 ON	 Left area detection	Alarm	No Alarm
	 Right area detection	No Alarm	Alarm

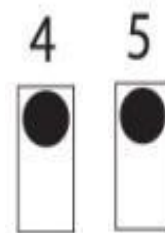
Modo Extreme HIGH

Il modo Extreme HIGH mode incrementa la sensibilità ed è adatto per climi caldi dove la temperatura diventa simile alla temperatura del corpo umano.



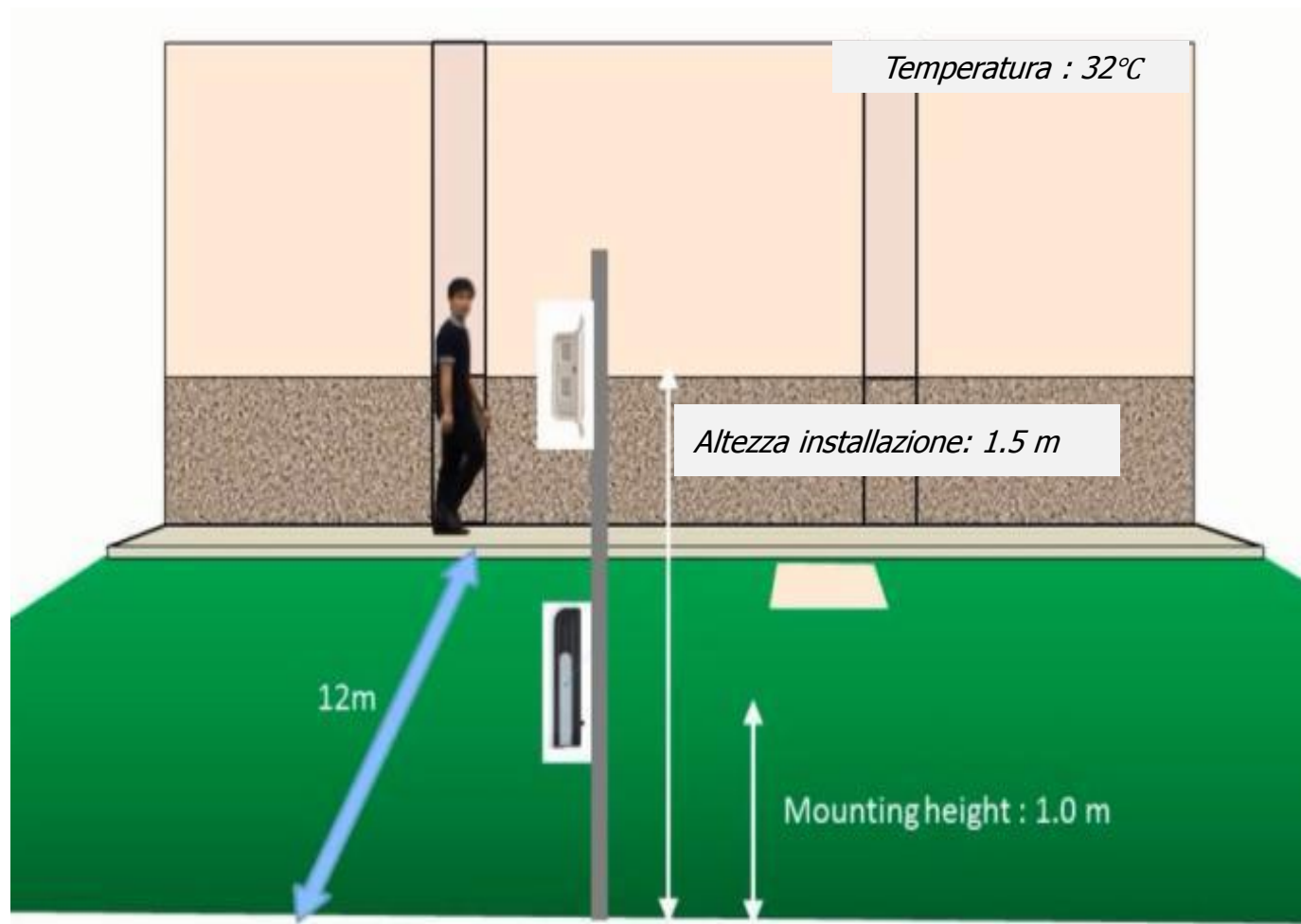
La temperatura dello sfondo è diversa da quella del corpo umano. Non è necessario usare il modo extreme HIGH

NON è necessario impostare i dipswitch 4 e/o 5 su "ON".



L'impostazione del dipswitch 4 e/o 5 su "ON" aumenta la sensibilità per la rilevazione in condizioni più critiche.

Modo Extreme HIGH



Specifiche

Model	BXS-ST	BXS-AM
Detection method	Passive infrared	
PIR Coverage	24 m (80') ; 12 m (40') on each side, 4 zones ; 2 zones on each side, 180°narrow	
PIR distance limit	2.5 to 12 m (5 levels)	
Detection angle from wall	TO WALL : 0° AWAY WALL : 3° Selectable	
Detectable speed	0,3 to 2,0 m/s (1' to 6'7"/s)	
Sensitivity	Normal ; Approx. 2.0 °C (3.6°F) at 0.6 m/s Extreme High ; Approx. 1.0 °C (1.8°F) at 0.6 m/s Selectable for each side individually	
Power input	9,5 to 18 VDC	
Current draw (except walk test)	31 mA max. at 12 VDC	34 mA max. at 12 VDC
Alarm period	2,0 ±1 sec.	
Warm-up period	60 sec. or less (LED blinks)	
Alarm (R) output	28 VDC 0.1 A max. [Individual;Right or General], [N.O. or N.C.] are selectable	
Alarm (L) output	28 VDC 0.1 A max. [Individual;Left or General], [N.O. or N.C.] are selectable	
Trouble output	-	N.C. 28 VDC 0.1 A max.
Tamper output	N.C. 28 VDC 0.1 A max. open when face cover, main unit or base unit is removed	
LED indicator	Red LED ; 1. Warm-up 2. Alarm (DIP switch ON or Walk test)	Red LED ; 1. Warm-up 2. Alarm 3. Masking detection (DIP switch ON or Walk test)
Operation temperature	-30 °C to +60 °C (-22°F to +140°F)	
Environment humidity	95% max.	
International protection	IP 55	
Mounting	Wall, Pole (Outdoor,Indoor)	
Mounting height	0,8 to 1,2 m (2'7" to 4')	
Weight	430 g (15.2 oz.)	
Accessories	Screw (4 x 20 mm) x 2	

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Model	BXS-R	BXS-RAM
Detection method	Passive infrared	
PIR Coverage	24 m (80') ; 12 m (40') on each side, 4 zones ; 2 zones on each side, 180°narrow	
PIR distance limit	2.5 to 12 m (5 levels)	
Detection angle from wall	TO WALL : 0° AWAY WALL : 3° Selectable	
Detectable speed	0.3 to 2.0 m/s (1' to 6'7"/s)	
Sensitivity	Normal ; Approx. 2.0 °C (3.6°F) at 0.6 m/s Extreme High ; Approx. 1.0 °C (1.8°F) at 0.6 m/s Selectable for each side individually	
Power input	3 to 9 VDC Lithium or Alkaline batteries	
Current draw (except walk test)	15 µA stand-by / 8 mA max. at 3 V DC	16 µA stand-by / 8 mA max. at 3 V DC
Alarm period	2,0 ±1 sec.	
Warm-up period	60 sec. or less (LED blinks)	
Alarm (R) output	Solidstate switch, 10 V DC 0.01 A max. [Individual;Right or General], [N.O. or N.C.] are selectable	
Alarm (L) output	Solidstate switch, 10 V DC 0.01 A max. [Individual;Left or General], [N.O. or N.C.] are selectable	
Trouble output	Solidstate switch, 10 V DC 0.01 A max. [N.O. or N.C.] is selectable	
LED indicator	Red LED ; 1. Warm-up 2. Alarm (DIP switch ON or Walk test)	Red LED ; 1. Warm-up 2. Alarm 3. Masking detection (DIP switch ON or Walk test)
Operation temperature	-30 °C to +60 °C (-22°F to +140°F)	
Environment humidity	95% max.	
International protection	IP 55	
Mounting	Wall, Pole (Outdoor,Indoor)	
Mounting height	0.8 to 1.2 m (2'7" to 4')	
Weight	550 g (19.4 oz.)	
Accessories	①Connector for POWER and ALARM (R) ②Connector for ALARM (L) ③Connector for TROUBLE ④Velcro tape ⑤Screw (4 x 20 mm) x 2	

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Nuovo imballo

BX-Shield



VX-Shield

