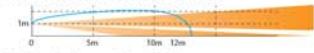


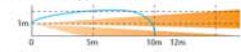
DETECTION AREA

SIDE VIEW (Detection Distance by Positions)

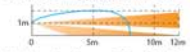
Position 1 : Approx. 12m/40ft (Default)



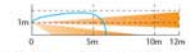
Position 2 : Approx. 8.5m/27.9ft



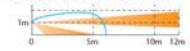
Position 3 : Approx. 6.0m/19.7ft



Position 4 : Approx. 3.5m/11.5ft



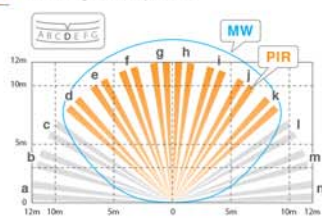
Position 5 : Approx. 2.5m/8.2ft



The actual detection distance is dependent on the thermal conditions within the given environment.

TOP VIEW

(Area diagram for D position)



SPECIFICATIONS

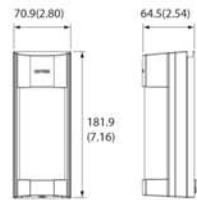
Model	VXI-ST	VXI-AM	VXI-DAM
Detection method	Passive infrared	Passive infrared	Passive infrared & Microwave
PIR coverage	12.0 m (40 ft) 90° wide / 16 zones	12 - 2.5 m (5 levels)	
PIR distance limit	12 - 2.5 m (5 levels)	0.3 - 1.5 m/s (1 - 5 ft/s)	
Detectable speed	0.3 - 1.5 m/s (1 - 5 ft/s)	2.0°C (3.6°F) at 0.6 m/s (2 ft/s)	
Sensitivity	2.0°C (3.6°F) at 0.6 m/s (2 ft/s)	9.5 - 18 VDC	
Power input	20 mA (max) at 12 V DC	24 mA (max) at 12 V DC	35 mA (max) at 12 V DC
Current draw	2.0 ± 1 sec.	Approx. 60 sec. (LED blinks)	
Alarm period	N.C. / N.O. Selectable 28 V DC 0.1 A (max)	N.C. 28 V DC 0.1 A (max)	
Warm-up period	N.C. 28 V DC 0.1 A (max) open when cover removed.		
Alarm output	Red: Warm-up, alarm, masking detection (VXI-AM only)	Red: Warm-up, alarm, masking detection. Yellow: Warm-up, MW detect.	
Trouble output	No alarm 10 V/m		
Tamper output	95% max. IP55		
LED indicator	Wall, Pole (Outdoor, Indoor)		
RF interference	-30 ~ +60°C (-22 ~ +140°F)	-20 ~ +45°C (-4 ~ +113°F)	
Operating temperature	95% max. IP55		
Environment humidity	0.8 - 1.2 m (2.64 ft - 3.94 ft)		
International protection	500 g (17.7 oz.)	600 g (21.2 oz.)	
Mounting	Screw (4x20 mm) x2, Wiring sponge x3, Masking seal x3		
Mounting height			
Weight			
Accessories			

Model	VXI-R	VXI-RAM	VXI-RDAM
Detection method	Passive infrared	Passive infrared	Passive infrared & Microwave
PIR coverage	12.0 m (40 ft) wide / 16 zones	12 - 2.5 m (5 levels)	
PIR distance limit	12 - 2.5 m (5 levels)	0.3 - 1.5 m/s (1 - 5 ft/s)	
Detectable speed	0.3 - 1.5 m/s (1 - 5 ft/s)	2.0°C (3.6°F) at 0.6 m/s (2 ft/s)	
Sensitivity	2.0°C (3.6°F) at 0.6 m/s (2 ft/s)	3 - 9 V DC (Lithium or Alkaline Battery)	
Power input	9µA (standby) / 4 mA (max) at 3 V DC	10µA (standby) / 4 mA (max) at 3 V DC	18µA (standby) / 8 mA (max) at 3 V DC
Current draw	2.0 ± 1 sec.	Approx. 60 sec. (LED blinks)	
Alarm period	N.C. / N.O. Selectable-Solid State Switch 10 V DC 0.01 A (max)	N.C. / N.O. Selectable-Solid State Switch 10 V DC 0.01 A (max)	
Warm-up period	N.C. / N.O. Selectable-Solid State Switch 10 V DC 0.01 A (max)		
Alarm output	Disable: During normal operation. Enable: During WALK TEST or LED SW on. Red: Warm-up, alarm, masking detection (VXI-RAM only)	Disable: During normal operation. Enable: During WALK TEST or LED SW on. Red: Warm-up, alarm, masking detection. Yellow: Warm-up, MW detect.	
Trouble output	No alarm 10 V/m		
LED indicator	95% max. IP55		
RF interference	-20 ~ +60°C (-4 ~ +140°F)	-20 ~ +45°C (-4 ~ +113°F)	
Operating temperature	95% max. IP55		
Environment humidity	0.8 - 1.2 m (2.64 ft - 3.94 ft)		
International protection	500 g (17.7 oz.)	600 g (21.2 oz.)	
Mounting	Connector for POWER and ALARM, Connector for TROUBLE, Screw (4x20mm) x2, Masking seal x3		
Mounting height			
Weight			
Accessories			

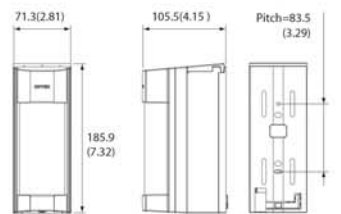
* Specifications and design are subject to change without prior notice.

DIMENSIONS

Without a back box (VXI-ST / AM / DAM)



With a back box (VXI-R / RAM / RDAM)



Unit:mm(inch)

OPTIONS

VXI-T-Bracket



*VXI-DAM and VXI-RDAM can not be used due to microwave interference.

BATTERY BOX (RBB-01)



*Battery not included.
CR123A x 3 (3.0VDC)
CR2 x 3 (3.0VDC)
1/2AA x 3 (3.6VDC)
1/2AA x 6 (1.2VDC x 3) *

Wall Tamper (WRS-02)

for ST, AM, DAM models



Wall Tamper (WRS-04)

for R, RAM, RDAM models



*Not applicable for a use of a set of dual technology models (DAM & RDAM).

Plug in EOL(End of line) Resistor Modules

for wired models

Different values of EOL resistances can be instantly set by plugging in optional modules. Please refer to the relevant control panels manual to confirm matching resistance values.



PEU-A(PACK)
Alarm: 2.2kΩ / Tamper: 4.7kΩ / Trouble: 2.2 kΩ

PEU-B(PACK)
Alarm: 4.7kΩ / Tamper: 4.7kΩ / Trouble: 6.8 kΩ

PEU-C(PACK)
Alarm: 1.0kΩ / Tamper: 1.0kΩ / Trouble: 12 kΩ

PEU-D(PACK)
Alarm: 1.0kΩ / Tamper: 1.0kΩ / Trouble: 3.0kΩ

PEU-E(PACK)
Alarm: 1.1kΩ / Tamper: 1.1kΩ / Trouble: 15kΩ

PEU-F(PACK)
Alarm: 5.6kΩ / Tamper: 5.6kΩ / Trouble: 5.6kΩ



A WORLD LEADING OUTDOOR DETECTOR

- Flexible Detection Patterns
- Expanded Features in a Down-sized Body
- Digitally Enhanced Reliability

VX InfinityTM series

WIRED MODEL

VXI-ST : 12m wide 2PIRs standard
VXI-AM : Anti-masking
VXI-DAM : 2PIRs with Microwave

BATTERY OPERATED MODEL

VXI-R : Battery operated 12m 2PIRs
VXI-RAM : Battery operated Anti-masking
VXI-RDAM : Battery operated 2PIRs with Microwave