

B-ZONE

HX-40RAM



BATTERY OPERATED HIGH MOUNT OUTDOOR PIR DETECTOR



The HX-40RAM, a battery operated outdoor PIR detector allows for economical and effortless outdoor installation whilst providing exceptional detection capabilities.

The HX-40RAM employs a highly reliable AND detection technique, which prevents false alarm by pets and small animals.

In addition, the HX-40RAM provides unique IR active Anti-masking technology.

This model can be integrated into wireless security systems.

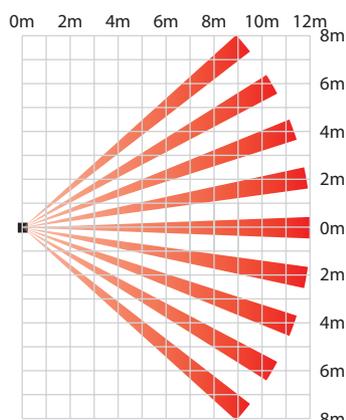
INTRUDER DETECTOR
OUTDOOR PROTECTION

INTRUDER DETECTOR
INDOOR PROTECTION

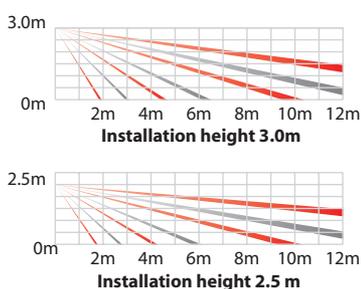
TECHNICAL INFORMATION

COVERAGES

TOP VIEW



SIDE VIEW



ACCESSORIES (these are included in package)

- 180° angle adjustable bracket
- Hood

FEATURES

- Long battery life: approx.6 years
3X CR123A Lithium 3.0VDC, Interval 120sec., LED:OFF, Anti-masking: ON, Tx: N.A., Battery life of transmitter depends on manufacturer specification.
- Low current draw
- Form C alarm output and tamper output-solid state switch-
- Selectable NC/NO trouble output -solid state switch-
- Battery saving timer function

SPECIFICATIONS

Model	HX-40 RAM
Detection method	Passive infrared
PIR Coverage	12 m (40ft.) 85° wide / 94 zones
Distance limit	4 m, 5.5 m, 9 m, 12 m (13ft 18ft 30ft 40ft)
Detectable speed	0.3 – 1.5 m/s (1 - 5ft/s)
Sensitivity	2.0°C (3.6°F) at 0.6 m/s
Power input	2.5 – 9VDC 3 - 7.2VDC Lithium Battery (CR123A x 3, CR2 x 3, 1/2AA x 3, 1-2AA x 6)
Current draw	30 µA (standby) / 4mA (max) at 3VDC
Alarm period	2.0±1 sec
Warm-up period	Approx. 90 sec(LED blinks)
Alarm output	Form C - Solid State Switch - 100VDC 0.01A max
Trouble output	N.C./N.O. Selectable - Solid State Switch - 100VDC 0.01A
Tamper output	Form C. 28V DC, 0.1A max. changes when cover removed
Aux input	-
LED indicator	Disable : During normal operation. Enable : During WALK TEST or LED SW on. Red : Warm-up, Alarm, Trouble, Low battery
RF Interference	No alarm 10 V/m
Operating temperature	-20 – +60°C (-4 - +140°F)
Environment humidity	95% max
Weatherproof	IP55
Mounting	Wall (Outdoor, Indoor)
Mounting height	2.5 - 3.0 m (8.3 - 10 ft.)
Bracket adjust angle	Vertical: ± 20° Horizon: ± 95°
Weight	600 g (21.2 oz)
Accessories	Bracket, Hood, Area masking seal, Screw kit (3 x 10-2, 4 x 20-4) Velcro tape×2, Alarm cable, Battery lead×2, Dummy battery kit