

SIM-120

Double Quad PIR and Microwave Outdoor Detectors

The SIM-120 is an outdoor Double PIR Elements with Anti-Mask features.

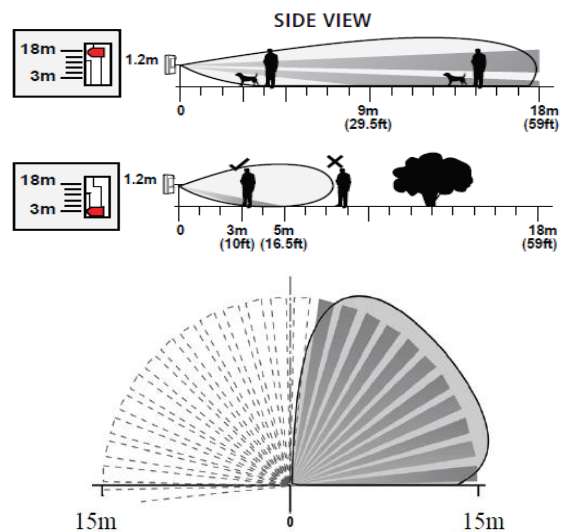
The Double PIR element provide a unique and reliable technology to protect facilities in extreme and harsh environments.

PRODUCT FEATURES

- Bi-directional temperature compensation
- Quad Linear Imaging Technology
- Immunity to animals up to 25kg
- Optional Creep Zone Detection
- Height installation (1.8m – 2.4m)
- 18m Detection Range with Wide Angle Lens
- IP 65 Rated



DETECTION PATTERN



Detection beam direction adjustable between 0° and 180°

SPECIFICATION

Detection Type	PIR & MW with Optical AM
Detection Range (m)	15m with WA Lens 30m with LR Lens
Power Input	9.6-16 Vdc
Current Draw (± 5%)	Standby: 21mA ± 3mA Active: 24mA ± 3mA
Alarm Output	Form C (NC,NO, Common) 28VDC 0.1 A with 270hm series protection resistor
Tamper Switch	Opening and Removal - N.C 28VDC 0.1A with 10 Ohm series protection resistor
Operation Temperature	-20°C to +55°C
Warm Up Period	120 sec (Max)
Alarm Period	2 sec (± 1 sec)
LED Indication	Green PIR Channel Yellow MW Channel Red in Alarm
RFI Protection	30V/m 10 - 1000MHz
EMI Protection	50,000V of electrical interference
Dimensions (mm)	160 x 70 x 45
Weight (grs)	210
IP Rating	IP 65
Part Number	0012960

STANDARDS COMPLIANCE

EN50130-4
 EN50130-5
 EN50131-1
 EN50131-2-2
 Security Grade 2, Environmental Class II