

# SIM-PI

## Digital PIR Detector

The SIM-PI detector uses a special designed optical Lens with unique Quad (Four element) PIR Sensor and ASIC based electronics optimized to eliminate false alarms, caused by small animals and Pets.

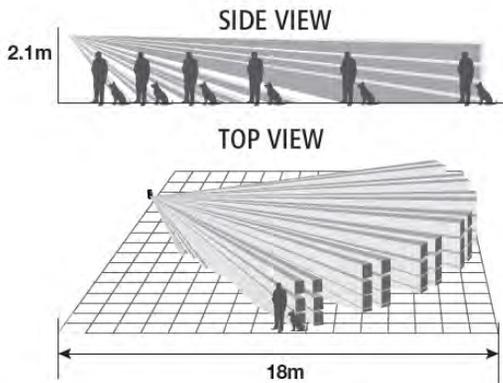
This most cost effective detector offers an exceptional level of detection capability and stability for every security installation.

### PRODUCT FEATURES

- Quad Linear Imaging Technology
- Bi-directional temperature compensation
- Compact design for residential installations
- Cost effective
- Immunity to animals up to 25kg
- 18m Detection Range with Wide Angle Lens
- Variable pulse width adjustment
- PIR sensitivity adjustment
- Environmental immunity
- Height installation (1.8m – 2.4m)
- LED Remote function
- EN50131 Grade 2



### DETECTION PATTERN



### SPECIFICATION

Detection Method	Passive Infra Red
Power Input	9 to 16Vdc
Current Draw	Active: 10mA (+/- 5%) Standby: 8mA (+/- 5%)
Temp Consumption	Yes
Alarm Period	2 ± 1 sec
Alarm Outputs	Form A N.C 28Vdc 0.1 A (with 10 Ohm series protection resistor)
Tamper Switch	N.C 28Vdc 0.1 A (with 10 Ohm Resistors) open on cover removal
Warm up Period	30 sec
Operation Temp	-10°C ~ +50 °C (14 °F~122 °F)
Dimensions	92mm x 59mm x 37mm
Weight	40gr.
Part Number	0011700

### STANDARDS COMPLIANCE

EN50130-4  
 EN301489-3  
 EN301489-1  
 EN61000-6-3  
 EN50130-5  
 EN50131-1, EN50131-2-2  
 Security Grade 2, Environmental Class II