

NEO-PIR

Digital Quad PIR Detector with EOL Resistors

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

The NEO PIR provides unprecedented levels of immunity against visible light .The Detector offers an exceptional level of detection capability and stability for every security installation.

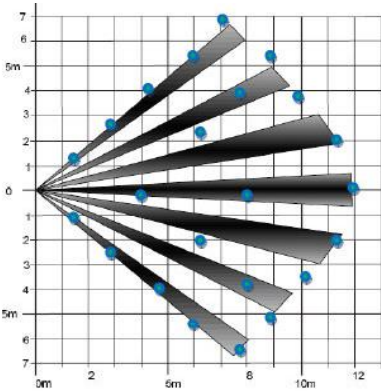
The NEO PIR is supplied with a Wide Angle lens.

FEATURES

- Quad Linear Imaging Technology for sharp
- Multi Values End-Of-Line (EOL) Resistors
- ASIC based electronics.
- Immunity to animals up to 25kg.
- 12m Detection Range with Wide Angle Lens.
- Temperature compensation.
- Compact Design for Residential Installation.
- Variable pulse width adjustment.
- Environmental immunity.
- Height installation calibration free (1.8m – 2.4m).
- LED Remote activation for testing.



DETECTION PATTERN



SPECIFICATION

Detection Method	Passive Infra Red
Power Input	9 to 16Vdc
Current Draw	Active: 9mA (+/- 5%) Standby: 7mA (+/- 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	123.5mm x 61.5mm x 40mm
Weight	102gr.
Part Number	0029304

STANDARDS COMPLIANCE

EN50130-4
EN301489-3
EN301489-1
EN61000-6-3
EN50130-5
SAFETY LVD 2006/95/EC , EN60950-1
EN50131-1, EN50131-2-2
Security Grade 2, Environmental Class II