

SWAN PIR-AM

Digital PIR Detector with Optical Anti-Masking

The SWAN PIR-AM is a combination of PIR detector with PET immune function and optical anti-mask, providing protection from intruders by PYRO sensor element.

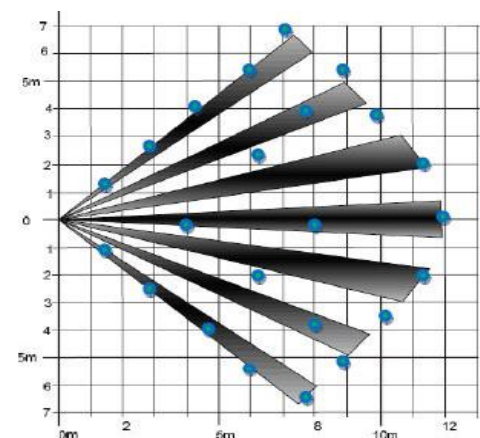
The SWAN PIR-AM is using Microcontroller for PIR signal analyzing, special ASIC technology for PIR pulse analyzing and unique optic for anti-mask protection.

PRODUCT FEATURES

- Quad Linear Imaging Technology for sharp
- Multi Values End-Of-Line (EOL) Resistors
- Optic Anti-masking protection with special relay trouble output.
- 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



STANDARDS COMPLIANCE

European Council Directive 2004/108/EC
EN50130-4+A1+A2
EN301489-3
EN301489-1
EN61000-6-3
EN50130-5
EN50131-1, EN50131-2-2
Security Grade 3, Environmental Class II

SPECIFICATION

Detection Method	Passive Infrared IR (Quad Element)
	Optical Anti-Masking by IR signal
Power Input	9 to 16Vdc
Current Draw	Active: 17mA (+/- 5%) Standby: 14mA (+/- 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)
AM / Trouble Output	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 Seconds
Operation Temp	-10°C ~ +50 °C
Dimensions	123.5mm x 61.5mm x 40mm
Weight	102gr.
Part Number	0029510