

Code: SWAN-1000

DUAL TECHNOLOGY DETECTOR MICROWAVE + PIR **SWAN-1000**

The SWAN-1000 detector is a combination of PIR & MW detectors, providing protection from intruders by PYRO sensor element and MW antenna (based on Doppler concept). Using the microprocessor technology, based on signal processing via ASIC system, the SWAN-1000 eliminates false alarms caused by small animals and pets.

The Microwave Technology allows to detect the intruder also through the wall. For example if you install the detector inside garage, a both indoor and outdoor detections will be possible.



Application:	Indoor
Pyroelectric sensor:	quadruple
Sensor type:	Passive Infra Red (PIR) and microwave (MW)
Detection angle:	130 °
Range:	<ul style="list-style-type: none"> • 3 m @ 130 ° • 27 m @ 20 °
Recommended installation height:	1.5 m ... 3.1 m
Alarm outputs:	Alarm output: N.C 28V DC 0.1 A with 10 Ohm series protection resistor Tamper Switch: N.C. 28V DC 0.1 A with 10 Ohm series protection resistor
LED indication:	<ul style="list-style-type: none"> • Yellow LED blinking during warm up period • red LED: ON - alarm is active • green LED: PIR detection • yellow LED: MW detection
Alarm time:	2 s ± 1 s
Digital temperature compensation:	✓



DATA SHEET

Power supply:	8.2 V ... 16 V DC 25.5 mA Operation 16.5 mA Standby
Main features:	<ul style="list-style-type: none">• Quad technology and hard lens for outstanding detection performance and elimination of false alarms• Microwave detection based on Doppler concept• Unique microwave antenna module• VLSI based electronics with movement speed spectrum analysis• Height installation calibrations free• 2-way microwave sensitivity adjustment• 2-way PIR sensitivity adjustment• Bi directional temperature compensation• Environmental immunity• Pet immunity up to 25 kg, bellow 1 m
Weight:	0.11 kg
Dimensions:	124 x 62 x 38 mm
Guarantee:	2 years