

# SWAN 1000

## PIR and Microwave Detector

- Digital Microwave signal processing
- PIR and Microwave sensitivity adjustment
- Bi-directional temperature compensation
- Quad (Four element) PYRO sensor
- Microwave detection based on Doppler concept
- Height installation calibrations free
- User-friendly installation with or w/o swivel bracket
- 2-way Microwave sensitivity adjustment
- 2-way PIR sensitivity adjustment
- Environmental immunity
- The Swan 1000 provides pet immunity up to 25Kg

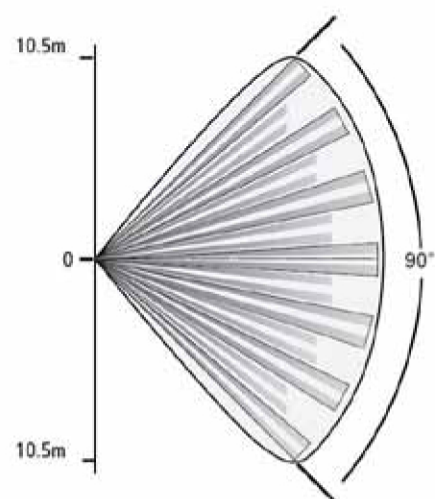


### SPECIFICATION

Detection method	Quad (Four Element) PIR & MW Doppler
MW Frequency	X-Band – 10.525GHz / 10.687 GHz / 9.9 GHz
Alarm period	2 sec ( $\pm$ 1 sec)
Led indicators	Green & Yellow LEDs blinking during warm up period and self-testing Red LED: ON during alarm Green LED: PIR CHANNEL Yellow LED: MW CHANNEL
Warm up period	60sec ( $\pm$ 5sec)
Alarm output	N.C 28VDC 0.1 A with 10 Ohm series protection resistor
Tamper Switch	N.C 28VDC 0.1A with 10 Ohm series protection resistor open when cover is removed
Operating voltage	9.6 to 16VDC
Current draw	Active: 23mA ( $\pm$ 5%) Standby: 19mA ( $\pm$ 5%)
White light filter	3500 Lux up to 6500 Lux with optional filter
RFI protection	30V/m 10 - 1000MHz
EMI protection	50,000V of electrical interference from lightning or power through
Optimum installation height	1.8m to 2.4m
Temperature compensation	Yes
Operating temperature	-10°C to +50°C
Dimensions	123mm x 62mm x 38mm
Weight	120 gr

### DETECTION PATTERN

#### TOP VIEW



#### SIDE VIEW

