

FW2-NEO

Two Way Wireless PET Immune PIR Detector

The FW2-Neo is fully supervised low current Two Way Wireless PIR detectors, including the advanced Freewave2™ Two way protocol for secure and reliable system operation.

Full communication administration (Supervision, Tamper, Low Batt.) as well as test transmission signals (Communication, Tamper, Alarm).

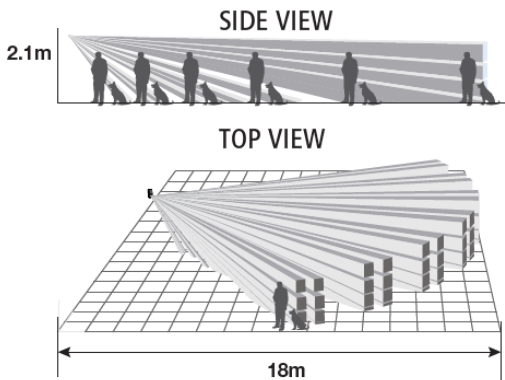
PRODUCT FEATURE

- Quad element Motion Detector ASIC based
- Coverage up to 12m
- Powered by 1 lithium battery CR123
- Battery life more than 4 years
- Configurable over-the-air by the Base Station
- Tamper Switch: Front cover and back tamper



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DETECTION PATTERN



STANDARD COMPLIANCE

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

SPECIFICATION

Detection Method	Quad Element PIR
Data Protocol	Freewave2™ Two Way Protocol
Modulation Type	GFSK
Frequency Band	868-869MHz / 916-917MHz
Identification	Unique ID serial number – 24 bit
Event Transmission	Alarm, Tamper, Supervision, Low Battery
LED Indications	Green LED: PIR channel Red LED during alarm
Range in open space	500 m
Tamper Switch	Front cover removal & Back tamper
Supervision Time	7 min by default (programmable between 1 to 30 min)
Optimal installation height	1.8m to 2.4m
Current Draw	Standby ~10µA Receive mode ~22 mA Transmit mode ~32 mA
Transmit power	~ 10dBm
Power Supply	Lithium 3V battery type CR123 / Size 2/3AA
Battery Life	Up to 5 years
Operating Temperature	-10°C to +50°C
Dimensions	123mm x 62mm x 38mm
Weight (inc. battery)	120 gr
Part Number	0034770