

# Wireless PET Immune PIR Detector

It is fully supervised low current Wireless PIR detectors, including the advanced 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).

## Features:

- 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



## Specifications

Detection Method	Quad Element PIR
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 ~7 $\mu$ A Receive mode ~29 mA Transmit mode ~38 mA
Transmit power	~ 14dBm
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
Standard Compliance	EN50130-4/EN50130-5 EN301489-3/EN301489-1/EN61000-6-3 EN50131 Security Grade 2, Environmental Class II