

FW2-PIR-CRT

Two Way Wireless curtain PIR detector

FW2-PIR-CRT is the ultimate solution to protect glass walls, windows and doors by creating a mirror optics blocking curtain pattern with a user selectable coverage of 4-6m or 6-8m.

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

This motion detector has a unique ID code and includes APS (Automatic Power Saving) mechanism for extending battery life.

The advanced protocol of FW2-PIR-CRT includes series of messages for full communication administration (Supervision, Tamper, Low Batt.) as well as test transmission signals (Communication, Tamper, Alarm).

- Selectable curtain coverage 4-6m or 6-8 m
- Mirror Optics



TECHNICAL SPECIFICATIONS

Detection Method	PYRO Element with Mirror Optics
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, Keep Alive (every 7 minutes - configurable)
LED Indications	Green LED: During Pairing Red LED: During alarm
Range in open space	500 m
Tamper Switch	Yes
Supervision Time	7 min by default (programmable between 1 to 30 min)
Optimal installation height	1.8m to 2.4m
Current Draw	Standby ~11 A Receive mode ~24 mA Transmit mode ~45 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 +55°C
Dimensions	124mm x 31mm x 37mm
Weight (inc. battery)	120 gr

Detection Pattern

