

SH-PIR & SH-PIR-CRT

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Mirror Optics Wireless PIR & Curtain PIR Detectors

SH-PIR is a fully supervised mirror optics two-way wireless detector featuring motion detection, tamper protection, low battery and supervision.

SH-CRT is a wireless detector featuring a solid curtain coverage of up to 8m length by 3m height. SH-CRT may be used for perimeter protection by setting up detection "curtains" walls or windows.

SH-PIR & SH-CRT can be configured Over-The-Air.



	SH-PIR	SH-PIR-CRT
Detection Method	Quad Pyro Element Sensor	Quad Pyro Element Sensor
Communication Protocol	Freewave2™ two-way ISM GFSK with 5 frequencies & LBT	Freewave2™ two-way ISM GFSK with 5 frequencies & LBT
Operating Frequencies	868MHz or 916MHz	868MHz or 916MHz
Identification	Unique ID serial number – 24 bit	Unique ID serial number – 24 bit
Events Transmission	Alarm, Tamper, Supervision, Low Bat, Keep Alive.	Alarm, Tamper, Supervision, Low Battery
Supervision Time	7 min by default (configurable between 1 to 30 min)	7 min by default (programmable between 1 to 30 min)
Communication Range	500m open space	500m open space
Battery	3V Lithium CR123A	3V Lithium CR123A
Battery life	Up to 5 Years	Up to 5 Years
Current Consumptions	Average Current : 15uA Transmit current: ~45mA	Average Current : 15uA Transmit current: ~45mA
Tamper Switch	Front Cover and Wall Removal	Front cover removal & Back tamper
Operating temperature	-10°C to +55°C	-10°C to +55°C
Dimensions/ Weight	112mm x 58mm x 45mm / 120 gr.	108mm x 58mm x 42.5mm / 120 gr.
Compliance	EN50131 Security Grade 2 Class II	EN50131 Security Grade 2 Class II