

DET-REXT-PIR30 Perimeter Radio PIR



An outdoor motion detector for perimeter monitoring, the detector is ideal to trigger alarm and video monitoring systems.

The DET-REXT-PIR30 is an outside radio PIR (Passive Infra-Red) detector for perimeter protection. The unit uses two independent detectors, both of which must trigger to cause the detector to signal an alarm. The detector delivers precise, reliable presence detection.

Combining Scantronic's class leading radio with GJD's reputation for flexibility, stability and accuracy to identify a threat before they have a chance to cause loss or damage.

At a glance...

- Low maintenance covert detection
- Creep mirror detects activity immediately below the unit
- Detection range up to 30m
- 500m radio range in free space on 868MHz
- IP 65 Protection rating
- Typical battery life 2 years (based on 200 activations per day)
- 2 x 3V CR123 batteries
- Compatible with full i-on & New Menvier ranges

Product specification

Detection range	Programmable to 10m, 20m or 30m.
Coverage	10 to 70° detection angle, 30 x 24m coverage max.
Adjustment	180° pan, 90° tilt.
Fresnel lens	28 zones for each detection element, which can be masked with the curtain sliders.
Customised optics	Double silicon shielded quad element eliminates 50,000 lux of white light.
LED	Detector programming.
Radio transmitter range	500m max in free space.
Transmit frequency	868.6625MHz narrowband.
Batteries	2x 3 V CR123 (lithium only).
Typical battery life	2 years (based on 200 activations per day)
Quiescent current	20µA.
Pulse count	1 or 2.
Control	Digital microprocessor with non-volatile memory.
Operating temp	-20 to +55°C.
Housing	High-impact ABS plastic with HDPE cover, UV stabilized.
Protection Rating	IP 65.
Dimensions	145 x 120 x 155mm.
Weight	363g net, 575g gross.
Mounting height	Variable; 3m for full range.

Compatible products

Added functionality to support the perimeter zone type available on

i-on30R / i-on30R-EU Next Generation	30 zone control panel
i-on40H / i-on40H-EU Next Generation	40 zone control panel

Basic operability as a radio PIR available on:

i-on16/ i-on16EUR	16 zone control panel
i-on30EX/ i-on30EXEUR/ (D)	30 zone control panel
i-on40/ i-on40EUR	40 zone control panel
i-on50EX/ i-on50EXEUR/ (D)	50 zone control panel
i-on160EX/ i-on160EXEUR	160 zone control panel
Menvier30	30 zone control panel
Menvier40	40 zone control panel
Menvier100	100 zone control panel
Menvier300	300 zone control panel
Multibus/i-on1000EX/Menvier1000	1000 zone control panel
762REUR-00	2 channel radio receiver
768REUR-50	8 channel radio receiver
EXP-R10/ R30	10 and 30 zone radio expanders