

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

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| 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

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| 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:

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| 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 |