

Premier Compact Series

Texecom
Designed to Perform



Commercial Grade Detection for Residential Applications

Texecom's Premier Compact detectors are designed to provide optimum performance levels in any type of residential environment. A variety of detection technologies ensure there is a Premier Compact model to overcome even the most challenging installation.

Premier Compact IR

Dual element PIR. Designed to excel in typical residential installation environments.

Premier Compact XT

Digital PIR with advanced signal processing. Digital temperature compensation provides class-leading performance in hotter conditions.

Premier Compact QD

Digital quad element PIR. Digital temperature compensation and genuine quad element detection delivers unrivalled performance and false alarm immunity.

Premier Compact PW

Digital pet-immune PIR. Holographic optical technology & advanced digital detection offering up to 35Kgs animal immunity without compromising intrusion detection.



Designed & made in
the UK by Texecom

Sales: 01706 220460
Visit: www.texe.com



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Excellence as Standard

Mounting Height Alignment

Suitable for varying types of rooms and buildings: achieves optimum coverage pattern when mounted anywhere between 1.5m & 3.1m.

EOL Resistors

EOL resistors allow the panel to recognise a tamper signal for each zone using fewer cores of cable.

Selectable Pulse Count

The sensitivity of the detector can be adjusted to match the installation environment providing better detection accuracy and consequently better false alarm immunity.

Brackets

Tamper proof wall and ceiling brackets with/without cable feed-through available separately in packs of 10.

Sealed Optics

Prevents dust and insects from entering the sensor optics, eliminating potential false alarms.

Interchangeable Lens Library

Curtain lens and long range lens options available separately in packs of 10.

Technologies

Digital Signal Processing (XT, QD, PW)

- Advanced Digital Signal Processing Algorithms
- Digital Temperature Compensation
- Automatic Sensitivity Adjustment
- Active White Light Rejection
- Anti-jarring

Digital Quad Sensing Technology (QD)

- Quad Element Pyro (4 sensing elements)
- Both upper and lower zones need to be activated to sound the alarm
- Enhanced false alarm immunity

Pet Immunity (PW)

- Pet immunity for pets up to 35kg without desensitising the detector at lower detection levels
- Texecom's proprietary HOTLens™ technology

Features & Functions

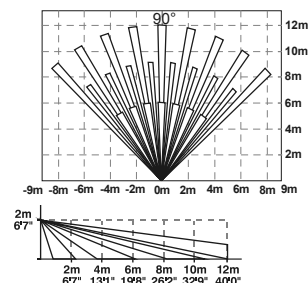
| Detectors | Premier C.IR | Premier C.XT | Premier C.QD | Premier C.PW |
|---------------------------|--------------|--------------|--------------|--------------|
| Detection Range (m/ft) | 12/40 | 15/50 | 15/50 | 12/40 |
| Temperature Compensation | • | Digital | Digital | Digital |
| Pulse Count | • | Digital | Digital | Digital |
| Microprocessor Technology | | • | • | • |
| Mounting Height Alignment | • | • | • | • |
| Sealed Optics | • | • | • | • |
| Miniature Housing | • | • | • | • |
| Pet Immunity | | | | • |
| EN 50131-1 | G2 | G2 | G2 | G2 |
| EN 50131-2-2 | G2 | G2 | G2 | G2 |

Specifications

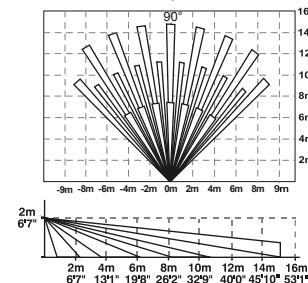
| | |
|-----------------------------------|---|
| Input Power | 9 VDC to 15 VDC (15 VDC nominal @ 10.6 mA) Power rating 0.16 W |
| Peak to Peak Ripple | 2 V (at 12 VDC) |
| Detector Start-up Time | 60 seconds |
| Normal Current Consumption (mA) | max. 8.7 |
| Current Consumption in Alarm (mA) | max. 7.5 |
| Max Current Consumption (mA) | max. 10.6 |
| Mounting Height | Compact IR, XT & QD Min. 1.5 m (4.1 ft), Max. 3.1 m (10 ft.) Compact PW Min. 1.5 m (4.1 ft) Max. 2.3 m (7.5 ft.) |
| Pet Immunity (Compact PW) | Pulse Count 1 Up to <20kg/44lbs Pulse Count 2 Up to <35kg/77lbs |
| Target Speed Range | 30 cm/s to 3 m/s (1 ft/s to 10 ft/s) |
| Alarm Relay | < 24 V 50 mA (NC) max. 34 Ω resistive load |
| Tamper Relay | < 24 V 50 mA (NC) |
| Alarm Time | > 2 seconds |
| Operating Temperature | -10°C to +55°C (14°F to 130°F) |
| Dimensions (HxWxD) | 95 mm x 63 mm x 40.5 mm |
| Relative Humidity | Max. 95% |
| Weight | 73 g |
| Power Supply | Rated 94HB |

Coverage Patterns

Premier Compact IR



Premier Compact XT/QD



Premier Compact PW

