

# 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.



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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

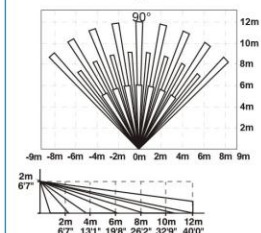
Detectors	Premier C.IR	Premier C.XT	Premier C.QD	Premier C.PW
Detection Range (m/ft)	12/40	15/50	15/50	12/40
Temperature Compensation	•	Digital	Digital	Digital
Pulse Count	•	Digital	Digital	Digital
Microprocessor Technology		•	•	•
Mounting Height Alignment	•	•	•	•
Sealed Optics	•	•	•	•
Miniature Housing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

## Specifications

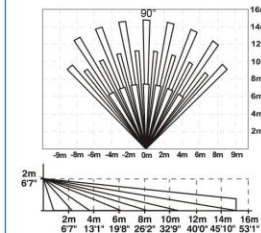
Input Power	9 VDC to 15 VDC (15 VDC nominal @ 10.6 mA) Power rating 0.16 W
Peak to Peak Ripple	2 V (at 12 VDC)
Detector Start-up Time	60 seconds
Normal Current Consumption (mA)	max. 8.7
Current Consumption in Alarm (mA)	max. 7.5
Max Current Consumption (mA)	max. 10.6
Mounting Height	Compact IR, XT & 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

