

## Premier Compact-W Series

**Texecom**  
Designed to Perform



### Residential wireless detectors with *Ricochet*® mesh technology

The Premier Compact-W series takes residential wireless detection to the next level. By combining commercial-grade motion detection with *Ricochet* mesh technology in a range of cost-effective devices, the Premier Compact-W series offers unprecedented performance for mass-market applications.



#### Premier Compact XT-W

Wireless digital PIR with *Ricochet* mesh technology

- 12m volumetric coverage
- Digital temperature compensation
- Sealed optics
- Up to 3 years battery life
- EN50131-2-2, EN50131-5-3 & PD6662:2010 Grade 2

#### Premier Compact PW-W

Wireless digital pet immune PIR with *Ricochet* mesh technology

- 12m volumetric coverage
- Digital temperature compensation
- Sealed optics
- Up to 3 years battery life
- EN50131-2-2, EN50131-5-3 & PD6662:2010 Grade 2

#### Premier Compact QD-W

Wireless digital quad PIR with *Ricochet* mesh technology

- 12m volumetric coverage
- Digital temperature compensation
- Sealed optics
- Up to 3 years battery life
- EN50131-2-2, EN50131-5-3 & PD6662:2010 Grade 2

COMING  
SOON



#### Residential Wireless Solutions

Increasingly available to a wider audience, *Ricochet* mesh technology brings commercial grade wireless signalling to residential applications.

**RICOCHET**®



Mesh Network



Superior Range



Self Healing



Bi-Directional



Signal Encryption



Commission Mode

# Premier Compact-W Series

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## Excellence as Standard

### Auto Learn Function

Device automatically learns onto the system once battery is inserted for quick and simple installation.

### 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.

### Tamper Proof Brackets Available

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.

### Ricochet Mesh Technology

*Ricochet* enabled wireless devices receive and repeat wireless transmissions from other devices. The size, scalability and range are extended, as wireless signalling is no longer limited by point-to-point communications

## Technologies

### Digital Signal Processing Algorithms



Intelligently analyses the environment to determine genuine intrusion situations.

### Digital Temperature Compensation



Automatically adjusts the detector's sensitivity when the ambient room temperature changes.

### Automatic Sensitivity Adjustment



Filters out background disturbances by automatically adjusting the detector's sensitivity according to the environment.

### Anti-jarring



Eliminates false alarms caused by sudden shocks to the detector triggering electrical signals.

## Features & Functions

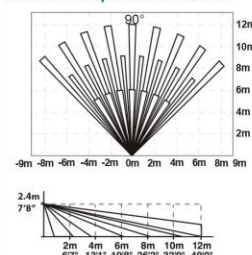
| Detectors                 | Premier C.XT-W | Premier C.QD-W | Premier C.PW-W |
|---------------------------|----------------|----------------|----------------|
| Detection Range (m/ft)    | 12/40          | 12/40          | 12/40          |
| Temperature Compensation  | Digital        | Digital   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

## Specifications

|                             |                                                                 |
|-----------------------------|-----------------------------------------------------------------|
| Battery Life                | Up to 3 years                                                   |
| Frequency Band              | 868.0 - 868.6 MHz / 866.0 - 866.6 MHz / 433.05 - 434.79 MHz     |
| Detector Start-up Time      | <60 seconds                                                     |
| Mounting Height             | Nominal 2.4m                                                    |
| Pet Immunity (Compact PW-W) | 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 Time                  | > 2 seconds                                                     |
| Operating Temperature       | -10°C to +50°C (14°F to 122°F)                                  |
| Dimensions (HxWxD)          | 95 mm x 63 mm x 40 mm                                           |
| Relative Humidity           | Max. 90%                                                        |
| Weight                      | 85 g                                                            |
| Operating Voltage           | 3V                                                              |

## Coverage Patterns

### Premier Compact XT-W/QD-W



### Premier Compact PW-W

