

# 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

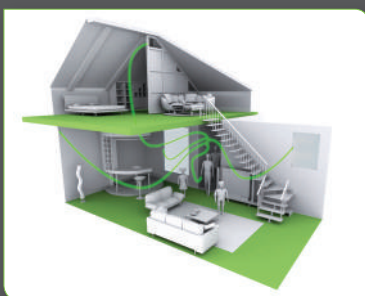
- 12m volumetric coverage
- Digital temperature compensation
- Sealed optics
- Up to 3 years battery life
- EN50131-2-2, EN50131-5-3 & PD6662:2010 Grade 2

### 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**®



Designed & made in the UK by Texecom

Sales: 01706 220460  
Visit: [www.texecom.com](http://www.texecom.com)



# 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

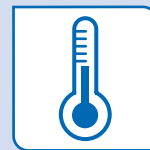
## Technologies

### 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

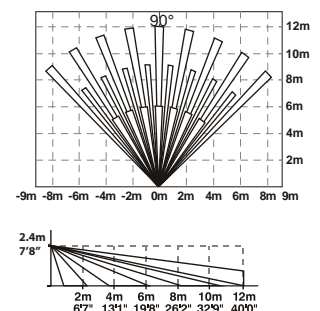
Detectors	Premier C.XT-W	Premier C.QD-W	Premier C.PW-W
Detection Range (m/ft)	12/40	12/40	12/40
Temperature Compensation	Digital	Digital	Digital
Pulse Count	Digital	Digital	Digital
Microprocessor Technology	•	•	•
Sealed Optics	•	•	•
Miniature Housing	•	•	•
Pet Immunity			•
EN 50131-1	G2	G2	G2
EN 50131-2-2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

