

## CLOAKWISE™ DUAL TECHNOLOGY DETECTOR

As intruders become even more sophisticated and protection more vital, you need a motion sensor that detects reliably and will not compromise false alarm immunity.

The Premier Elite CW incorporates advanced CloakWise™ technology, guaranteeing detection performance even when intruders attempt to mask discovery. Always operating in Dual Technology mode, false alarm sources are ignored - providing you with exceptional stability and your customer with peace of mind.

### Outstanding Features Include:

- Cloakwise Algorithm for Enhanced Detection
- 15m Volumetric PIR & Microwave Range
- Sealed Optical System
- Microprocessor Technology
- Digital Temperature Compensation
- 1.5 to 3.1m Adjustable Mounting Height
- Fluorescent Light Protection
- Tamper Proof Brackets Available Separately



# Premier Elite CW

## CloakWise™ Technology

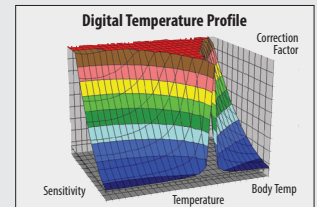


CloakWise is a proprietary detection algorithm, unique to Texecom, that can distinguish the presence of an intruder even if the unauthorised person attempts to mask or 'cloak' their presence.

Utilising advanced signal processing techniques to both microwave and PIR channels, the CloakWise technology can recognise masking attempts and detect accordingly. By always analysing both PIR and microwave sources, the Premier Elite CW is a true dual technology detector, providing exceptional stability and false alarm immunity even in the harshest of installation environments.

## Digital Temperature Compensation

The advanced signal processing of the Premier Elite CW also includes digital temperature compensation for reliable detection performance even at high temperatures. This complex algorithm works in conjunction with the CloakWise detection criteria, maintaining catch-performance whilst providing all the stability of a true dual technology detector.



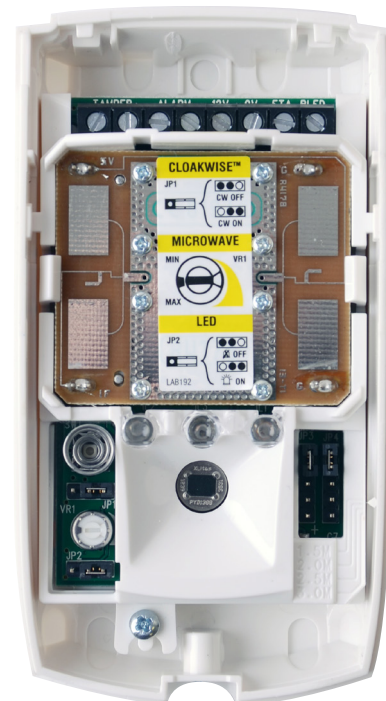
## Sealed Optics & Adjustable Mounting Height

The innovative mechanical construction of the Premier Elite CW incorporates both sealed optics and mounting height adjustment. Sealed optics prevent insects from entering the optical chamber, further improving false alarm immunity. Adjustable mounting height ensures the optimum detection coverage pattern when mounted anywhere between 1.5m and 3m in height.

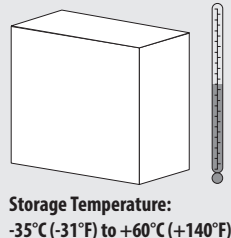
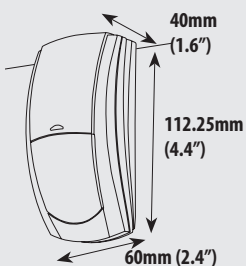
## Features & Functions

Range:	15m (50 feet), 90° volumetric coverage
Supply Voltage:	9 - 16VDC
Current Consumption:	12mA typical
Alarm Output:	Built-in normally closed relay, <24VDC, 50mA, 23Ω
EMC:	Independently cer tified to EN50130-4 : 1996 EN300440-1 : 2001, EN60950-1 : 2002.
Design:	Microcontroller based signal analysis.
RF Immunity:	No false alarms from 80MHz to 1GHz at 10V/m

## Premier Elite CW



## Physical Specifications



**Packed Weight:**  
170g (6oz) approx