

Prestige CW

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 *Prestige 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 completely 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
- ✓ 1.5 TO 3m ADJUSTABLE MOUNTING HEIGHT
- ✓ TAMPER-PROOF BRACKETS WITH CABLE FEED-THROUGH
- ✓ SEALED OPTICAL SYSTEM
- ✓ DIGITAL TEMPERATURE COMPENSATION
- ✓ MICROPROCESSOR TECHNOLOGY
- ✓ FLUORESCENT LIGHT PROTECTION

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PRESTIGE CW FEATURES

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 *Prestige CW* is a true dual technology detector, providing exceptional stability and false alarm immunity even in the harshest of installation environments.



Sealed Optics

Digital Temperature Compensation

The advanced signal processing of the *Prestige 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 *Prestige 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.



Patented Tamper-proof Brackets

Patented Tamper-proof Wall & Ceiling Brackets with Cable Feed-through

Each *Prestige CW* comes complete with patented tamper-proof wall and ceiling brackets with cable feed-through. These provide two extra mounting options, enabling precise angle adjustment and ensure simple installation in any location.

Specifications

Supply Voltage: 9 - 16Vdc.

Current Consumption: 12mA typical.

Alarm Output: Built-in normally closed relay, open on alarm <24Vdc 50mA, 23Ω.

Dimensions: 112mm x 60mm x 40mm.

Packed Weight: 170g (approximately).

EMC: Independently certified 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.

Interchangeable PCB Module

The *Prestige Series* incorporates an innovative interchangeable PCB module system for easy upgrading across the range. By utilising a common backplate component different detection technologies can be simply exchanged, ensuring the correct sensor configuration for any installation requirement.



PRESTIGE SERIES

Prestige IR

High Immunity PIR



Prestige TD

Twin Dual Element PIR



Prestige QD

Genuine Quad Element PIR



Prestige DT

Dual Technology Detector



Prestige CW

CloakWise™ Dual Technology Detector



Prestige PW

PetWise™ Quad Element PIR



Prestige MI

PIR with Mirrored Optics



Prestige MR

Digital PIR with Mirrored Optics



Prestige Compact IR

Miniature PIR



Prestige Compact XT

Digital Miniature PIR



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