

# Premier Elite MR

## Digital PIR with Mirrored Optics

The Premier Elite MR is a breakthrough in PIR optical technology. High precision mirrored optics provide double the efficiency of most standard PIR detectors and ensure outstanding detection performance. Sealed optics, digital design, mounting height adjustment and stunning low profile aesthetics make the Premier Elite MR the only choice for those who demand the very best.

### Outstanding Features Include:

- Remote Led Disable
- 15m Volumetric Range
- Sealed Optical Chamber
- Microprocessor Technology
- First To Alarm & Latch Input
- High Precision Mirrored Optics
- Digital Temperature Compensation
- 32m Long Range Version Available
- 1.5 To 3.1m Adjustable Mounting Height
- Brackets Available Separately



**Texecom**

# Premier Elite MR



## Precision Mirrored Optics

Providing a clearly defined optical signal is critical to the performance of PIR motion detectors. The high precision mirrored optics of the Premier Elite MR obtain double the signal strength of many standard PIRs resulting in the following performance enhancements:



## Improved Catch Performance

Greater signal integrity enables reliable detection performance even at long range. The Premier Elite MR provides exceptionally fast volumetric pick-up even at distances of 15m (50 ft). Coupled with a multi-segmented high density coverage pattern, uniform detection is guaranteed, removing blind spots and ensuring excellent protection.



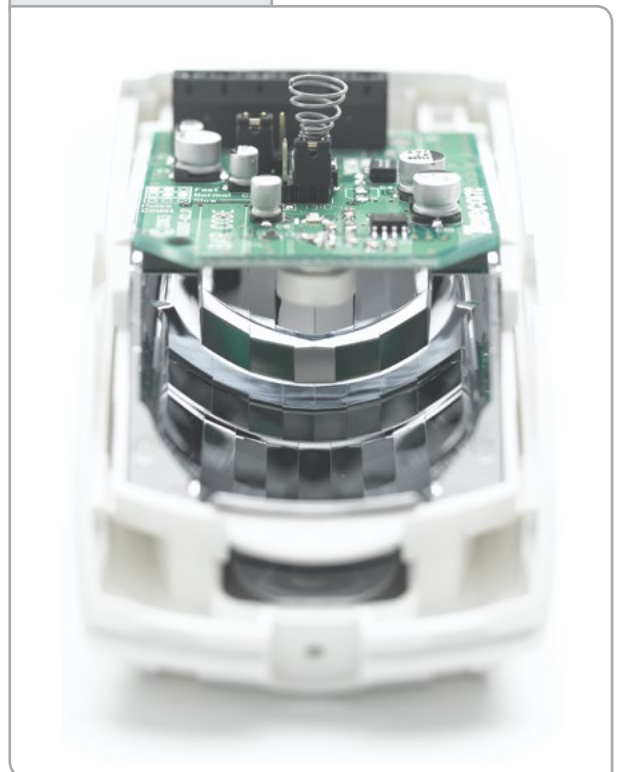
## Improved False Alarm Immunity

The improved optical system enables a significant reduction in electronic sensitivity, dramatically improving immunity from RFI, electrical noise spikes, draughts and other common false alarm sources. White light immunity is also dramatically enhanced providing exceptional stability even in levels exceeding 15,000 lux.

## Features & Functions

Range:	15m (50 feet), 90° volumetric coverage
Supply Voltage:	9 - 16VDC
Current Consumption:	10mA typical
Alarm Output:	Built-in normally closed relay, <24VDC, 50mA, 18Ω
EMC:	Independently certified to EN50130-4 : 1996
Design:	Microcontroller based signal analysis.
RF Immunity:	No false alarms from 80MHz to 2GHz at 30V/m

## Premier Elite MR



## Physical Specifications

40mm  
(1.6")

112.25mm  
(4.4")

60mm (2.4")

**Storage Temperature:**  
-35°C (-31°F) to +60°C (+140°F)

**Packed Weight:**  
180g (6oz) approx

## European Standards

EMC: Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

Approved to BS EN 55022 Class B and BS EN 50130-4 : 1996.

PD 6662 & EN 50131-1 Grade 2 Environmental Class II.

The CE mark indicates that this product complies with the European requirements for safety, health, environmental and customer protection.

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