

Prestige MR

DIGITAL PIR WITH MIRRORED OPTICS



The *Prestige 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 *Prestige MR* the only choice for those who demand the very best.

Outstanding features include:

- ✓ HIGH PRECISION MIRRORED OPTICS
- ✓ 40m LONG RANGE VERSION AVAILABLE
- ✓ DIGITAL TEMPERATURE COMPENSATION
- ✓ 1.5 TO 3.1m ADJUSTABLE MOUNTING HEIGHT
- ✓ TAMPER-PROOF BRACKETS WITH CABLE FEED-THROUGH
- ✓ 15m VOLUMETRIC RANGE
- ✓ REMOTE LED DISABLE
- ✓ SEALED OPTICAL CHAMBER
- ✓ MICROPROCESSOR TECHNOLOGY
- ✓ FIRST TO ALARM & LATCH INPUT

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PRESTIGE MR FEATURES

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 *Prestige MR* obtain double the signal strength of many standard PIRs resulting in the following performance enhancements:

Improved Catch Performance

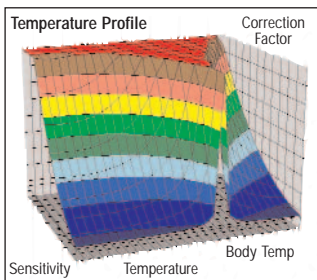
Greater signal integrity enables reliable detection performance even at long range. The *Prestige MR* provides exceptionally fast volumetric pick-up even at distances of 15m (50 ft). Coupled with a multi-segmented high density coverage pattern, uniform detection is guaranteed, removing blind spots and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



Precision Mirrored Optics



Digital Temperature Compensation

Advanced Digital Microprocessor Design

The signal processing of the *Prestige MR* is performed by an advanced digital microprocessor. This device contains complex signal algorithms ensuring that only genuine alarm signals are detected. Ambient temperature is measured digitally, ensuring reliable detection performance even at high temperatures.

Sealed Optics & Adjustable Mounting Height

The *Prestige MR* is unique in that it contains sealed optics, yet has an adjustable mirror allowing mounting anywhere between 1.5m and 3.1m. Sealed optics prevents insects from entering the optical chamber, further improving false alarm immunity.

Tamper-proof Wall & Ceiling Bracket with Cable Feed-through

Each *Prestige MR* comes complete with 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.

Volumetric or Long Range Coverage Patterns

The *Prestige MR* is available with a choice of coverage patterns, 15m volumetric or 40m long range detection.



Tamper-proof Wall & Ceiling Brackets



Removable Chassis for Ease of Installation

Specifications

Supply Voltage:	9 - 16Vdc.
Current Consumption:	10mA typical.
Alarm Output:	Built-in normally closed relay, open on alarm <24Vdc 50mA, 18Ω.
Dimensions:	112mm x 60mm x 40mm.
Packed Weight:	180g (approximately).
EMC:	Independently certified to EN50130-4 : 1996.
Design:	Microcontroller based signal analysis.
RF Immunity:	No false alarms from 80MHz to 1GHz at 30V/m.



Slim, Low Profile Aesthetics

EUROPEAN STANDARDS

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.

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