

Prestige MR DIGITAL PIR WITH MIRRORED OPTICS

Prestige MI PIR WITH MIRRORED OPTICS



The *Prestige MR & MI* represent 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, mounting height adjustment and stunning low profile aesthetics make the *Prestige MR & MI* ideal for those who only demand the very best.

Outstanding features include:

- ✓ HIGH PRECISION MIRRORED OPTICS
- ✓ 15m VOLUMETRIC RANGE
- ✓ 1.5 TO 3.1m ADJUSTABLE MOUNTING HEIGHT
- ✓ SEALED OPTICAL CHAMBER
- ✓ TAMPER-PROOF BRACKETS WITH CABLE FEED-THROUGH
- ✓ 40m LONG RANGE OPTION

Additional features of the *Prestige MR*:

- ✓ DIGITAL MICROPROCESSOR TECHNOLOGY
- ✓ DIGITAL TEMPERATURE COMPENSATION
- ✓ DIGITAL PULSE COUNT
- ✓ FIRST TO ALARM & LATCH INPUT
- ✓ REMOTE LED DISABLE

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PRESTIGE MR & MI FEATURES



Precision Mirrored Optics

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Providing a clearly defined optical signal is critical to the performance of PIR motion detectors. The high precision mirrored optics of the *Prestige MR & MI* 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 & MI* provide fast volumetric pick-up even at distances of 15m (50 ft).

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 enhanced providing exceptional stability.



Removable Chassis for Ease of Installation

Advanced Digital Microprocessor Design (*Prestige MR Only*)

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



Tamper-proof Wall & Ceiling Brackets

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.
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.

PRESTIGE SERIES



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