

MR-4000



DETECTORS

The first PIR designed for pre-wired installations



Features

- Flush mount in a single-gang electrical box or directly into the wall
- Ideal for pre-wired installations
- 145° ultra-wide angle coverage (standard)
- 5 interchangeable lenses
- 12° vertical and horizontal calibration
- Programmable pulse counter
- Walk-test indicator
- Super RFI protection
- Plug-in connector



Visonic Ltd

Committed to Advancing Security



Visonic Ltd. the leading manufacturer of high quality PIR detectors, introduces Magic Red MR-4000, specifically designed for pre-wired installation in a single-gang electrical switch box.

MR-4000 revolutionary design allows PIR wiring to be specified by architects and installed along with the building's electrical, T.V., telephone and intercom wiring, utilizing standard electrical boxes for mounting and termination.

Designed with the professional installer in mind, the MR-4000 provides a variety of outstanding features, including adjustable pulse counter and RFI protection of up to 1000 MHz to ensure the highest level of reliability and false alarm immunity.

In addition, the MR-4000 offers a choice of 5 interchangeable lenses including a 145° ultra-wide angle as standard, a long-range corridor, a pet alley and a triple curtain.

Advanced infrared engineering and SMD technology are combined to place the MR-4000 in a class by itself.

MR-4000

DETECTORS



Specifications

OPTICAL

Standard Lens: Lens No.4 is the standard lens supplied with each MR-4000. It provides 42 beams in 3 layers, 145° ultra-wide angle, with maximum coverage area of 45 x 80 ft (13.5 x 24 m).

Interchangeable lenses

Lens No. 1: wide angle 90°; 45 x 45 ft (13.5 x 13.5 m)

Lens No. 2: Long range 10 x 90 ft (3 x 27 m)

Lens No. 3: Three curtain 45 x 45 ft (13.5 x 13.5m)

Lens No. 5: Pet alley 50 x 50 ft (15 x 15 m)

Adjustment: Vertical calibration 0° to -12°

Horizontal calibration 15°

ELECTRICAL

Voltage: 9 to 16 VDC.

Current: 17 mA at 12 VDC.

Relay Output: N.C. (fail safe) contacts. 18 ohm resistor in series with contacts. Rating: 0.1 A resistive/ 24 VDC.

Alarm Period: 2 to 4 seconds.

Pulse Counter: Selectable 1 or 3 pulse operation.

Tamper Output (optional): N.C., rated - 0.5 A resistive/ 24 VDC.

LED: Walk Test - (switchable).

Detector: Dual-element low noise pyroelectric sensor

MOUNTING

Flush mounted into a standard single gang electrical switch box or directly into the wall.

ENVIRONMENTAL

Operating Temperature: 14°F to 122°F (-10°C to 50°C) .

Storage Temperature: -4°F to 140°F (-20°C to 60°C) .

RFI Protection: Greater than 20 V/m (20 to 1000 MHz)

PHYSICAL

Dimensions: 5 x 3.3 x 1.9 in. (12.5 x 8.5 x 4.8 cm).

Weight: 3 oz (90 gr).

Color: White.

MODELS AVAILABLE

MR-4000: Standard model for vertical mounting

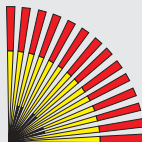
ACCESSORIES

TS-1: Tamper switch module

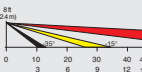
MR-4000 Interchangeable lenses

No-1 Wide Angle
Maximum coverage
45 x 45 ft / 90°
(13.5 x 13.5 m)

TOP VIEW

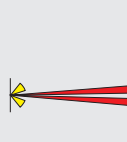


SIDE VIEW

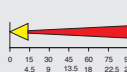


No-2 Long-Range
Maximum coverage
10 x 90 ft (3 x 27 m)

TOP VIEW

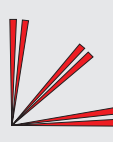


SIDE VIEW

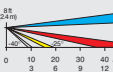


No-3 Triple Curtain
Maximum coverage
45 x 45 ft / 90°
(13.5 x 13.5 m)

TOP VIEW

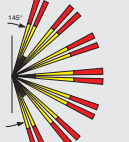


SIDE VIEW

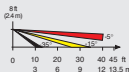


No-4 Ultra Wide-Angle
Maximum coverage
45 x 80 ft/145°
(13.5 x 24 m)
(standard lens)

TOP VIEW

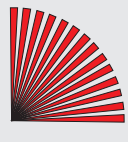


SIDE VIEW

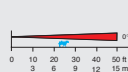


No-5 Pet-Alley
Maximum coverage
50 x 50 ft / 90°
(15 x 15 m)

TOP VIEW



SIDE VIEW



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