



Next Digital PIR

The next evolution of PIR detection

Visonic's NEXT advanced PIR detector is revolutionizing detection in security systems for the home and office, boasting unparalleled robustness in both technology and design.

Patented True Motion Recognition (TMR) dramatically reduce false alarms

True digital FM processing ensures industry's foremost detection accuracy

3D cylindrical optics eliminates "dead" spots, provides wall creep coverage

Solid state relay assures silent, reliable operation

Sleek, modern design fits anywhere in the home or office

NEXT PIR

True Digital Passive Infrared Detector

FEATURES

- Advanced true digital technology for long-term stability and reliability
- 3D cylindrical optics with Target Specific Imaging (TSI) for industry's best catch performance and false alarm protection
- 12m (40ft) 90° multiple-curtain coverage with "wall" creep zone
- Adjustment-free fast installation with remote walk-test
- Compliance with the latest European EN50131-2 standards

With the NEXT PIR detector, Visonic is revolutionizing detection in burglar alarms. This truly digital Passive Infrared detector represents the next generation in signal processing and optical lens technology that leads the industry in detection accuracy, false alarm immunity and ultimate reliability.

The NEXT PIR incorporates new patent-pending Frequency Modulation (FM) Digital Signal Processing (DSP), which eliminates the many types of interference that affect reliability of traditional detectors employing Amplitude Modulation (AM) processing. Visonic's patented True Motion Recognition (TMR™) algorithm and advanced circuitry, without the use of amplifiers, dramatically reduce false alarms and guarantee superior long-term performance.

NEXT utilizes totally new (patent-pending) optical 3D cylindrical lens technology with "Target Specific Imaging" (TSI™) that extends multiple solid vertical curtain coverage with uniform sensitivity detection over the entire area.

Its sleek and modern design, comprehensive performance and adjustment-free installation make NEXT the ideal detector for home and office applications.

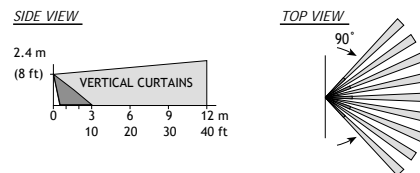
All detectors should be made this way!

SPECIFICATIONS

Electrical Input Supply: 9 to 16 VDC / - 8 mA @ 12 VDC
Alarm Output: Solid-state relay, max. 100 mA / 30V, -20Ω internal resistance.
Event Counter: Selectable, 1 or 2 true motion events
Tamper Contacts: Normally closed, 50 mA / 30 VDC max.

OPTICAL:

Max. Coverage: 12 x 12m (40 x 40 ft)/90°



MOUNTING

Height: 1.8 to 2.4 m (6 to 8 ft) surface or corner

ACCESSORIES

- BR-1: Surface mounted swivel bracket, adjustable 30° down and 45° left/45° right
- BR-2: BR-1 with a corner adapter
- BR-3: BR-1 with a ceiling adapter

ENVIRONMENTAL

Operating Temperature: -10°c to 50°c (14° F to 122° F)
Storage Temperature: -20c to 60°c (-4° F to 140° F)
RFI Protection: Greater than 30 V/m (20 MHz to 1000 MHz)

PHYSICAL

Size (HxWxD): 94.5 x 63.5 x 49.0 mm
(3-11/16 x 2-1/2 x 1-15/16 in.)
Weight: Approximately 50 g (1-3/4 oz)

PATENTS

U.S. Patent 5,693,943 (other patents pending)

Visonic Ltd reserves the right to change specifications without prior notice.
Full warranty statement available upon request.

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