



Next QES Quad Element Digital PIR

The next evolution in PIR technology

Visonic's NEXT QES advanced PIR detector revolutionizes security systems for the home and office, with its unparalleled simplicity and reliability in both technology and design.

True digital FM processing ensures industry's foremost detection accuracy

Patented True Motion Recognition (TMR™) dramatically reduces false alarms

3D cylindrical optics eliminates "dead" spots, creep zone coverage

Quad technology enhances catch performance

Sleek, modern design fits anywhere in the home or office



NEXT QES True Digital Passive Infrared Detector



FEATURES

- Quad element sensor enhance false alarm immunity
- 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 QES 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 QES 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 QES 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 QES the ideal detector for home and office applications.

All detectors should be made this way!

SPECIFICATIONS

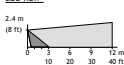
Electrical Input Supply: 9 to 16 VDC / - 8 mA @ 12 VDC
Alarm Output: Solid-state relay, max. 100 mA / 30V, ~20Ω internal resistance.

Event Counter: Selectable, 1 or 2 true motion events
Tamper Contacts: Normally closed, 50 mA /30 VDC max.

OPTICAL

Max. Coverage: 12 x12m (40 x 40 ft)/90°

SIDE VIEW



TOP VIEW



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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