

Reflex Quad GENUINE QUAD ELEMENT DETECTOR



THANK YOU FOR VOTING TEXECOM



Experience outstanding reliability with the *Reflex Quad*[™] passive infrared detector from Texecom. Genuine quad element detection combined with all the dependability of the best selling *Reflex* PIR provides the most cost-effective solution for harsher environments.

Outstanding features include:

- ✓ **GENUINE QUAD ELEMENT DETECTOR**
- ✓ **SURFACE MOUNT TECHNOLOGY (SMT)**
- ✓ **FULL COMPLIANCE WITH EN 50130-4**
- ✓ **INTELLIGENT TEMPERATURE COMPENSATION PROFILE**
- ✓ **PATENTED TAMPER-PROOF MOUNTING BRACKETS**
- ✓ **INTERCHANGEABLE LENS LIBRARY**
- ✓ **ADJUSTABLE MOUNTING HEIGHT**
- ✓ **50V/m RF IMMUNITY**
- ✓ **SEALED OPTICS**
- ✓ **104° COVERAGE**

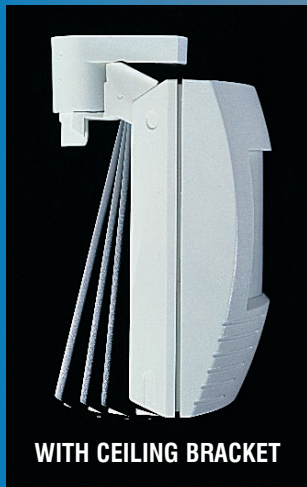
Ask your distributor today for the new Texecom 28 page full colour Product Guide.

Texecom
www.texe.com



The *Reflex Quad* comes equipped with sealed optics as standard. With advanced surface mount technology combined with improved filtering and suppression, the *Reflex Quad* exceeds industry standards by over 500%. Full compliance with EN 50130-4 has been independently verified for total peace of mind.

Patented tamper-proof brackets provide two extra mounting options, enabling precise angle adjustment and make installation simple in any location. No other detector can match the overall specification of the *Reflex Quad*.



WITH CEILING BRACKET



WITH WALL BRACKET

GENUINE QUAD ELEMENT DETECTION

The *Reflex Quad* maximises all the advantages of genuine quad element detection by incorporating advanced surface mount signal analysis. This guarantees exceptional catch performance and outstanding false alarm immunity.

**BEST MANUFACTURER 2000 & 1999
INTRUDER ALARM MANUFACTURER OF
THE YEAR 2001 & 2000**

- 1st For offering the best quality products at the right prices
- 1st For reliability & responsiveness
- 1st For excellence in customer care & service
- 1st For providing a high level of support & servicing including training & help lines

ELECTRICAL

- Voltage** 9-16V_{DC}.
- Current** 17mA typical at 12V_{DC}.
- Maximum Ripple** 2V_{pp} at 12V_{DC} (50-120Hz sinusoidal).
- Alarm Output** Normally closed (failsafe) voltage free relay contacts. Rated at 24V_{DC}, 50mA protected by 18Ω series resistor.
- Tamper Output** Normally closed voltage free switch contacts. Rated at 24V_{DC}, 50mA.
- Alarm Period** 2-3 seconds typical.
- Walk Test LED** Internal link to enable/disable.
- Detection Method** Passive infrared.
- Pyro-electric Detector** Genuine quad element, low noise.

ENVIRONMENTAL

- Operating Temperature** -10°C (+14°F) to +55°C (+131°F).
- Temperature Tolerance** No false alarm up to 1.7°C/minute (3°F/minute).
- Maximum Humidity** 95% non-condensing.
- Storage Temperature** -20°C (-4°F) to +60°C (+140°F).
- EMC Environment** Residential/Commercial/Light Industrial and Industrial.

FALSE ALARM PROTECTION

- Design** Noise reduction circuits with maximum ground plane.
- RF Immunity** No false alarm from 80MHz to 1GHz at 50V/m, equivalent to a 700W uniform transmitter at 3m (10ft).
Complies with EN61000-4-3:1997.
- Electrostatic Discharge**
No false alarm up to ±8kV. Complies with EN61000-4-2:1995.
- Fast Transient Immunity**
No false alarm up to ±1kV. Complies with EN61000-4-4:1995.
- High Energy Transient Immunity**
No false alarm up to ±1kV. Complies with EN61000-4-5:1995.
- Conducted RF Susceptibility**
No false alarm at 10V_{rms}. Complies with EN61000-4-6:1996.
- Conducted Emissions** Complies with EN55022 Class B.
- Radiated Emissions** Complies with EN55022 Class B.
- EMC** Independently certified to EN50130-4:1996.
- Pulse Count** Adjustable pulse count. Internal link to select.

PHYSICAL

- Mounting**
Corner or wall mount (without mounting bracket). Optional ceiling and wall mount brackets supplied as standard with adjustment range ±30° horizontal, -30° vertical. Mounting height up to 3.1m (10'0").
- Casing** 2.5mm (0.1") wall thickness in flame retardant ABS.
- Dimensions** 90mm x 63mm x 40mm (3.6" x 2.5" x 1.6").
- Packed Weight** 125g (4.5oz) approx.
- Colour** Designer white with super-white lens.

COVERAGE

- Volumetric (standard)** 12m (40ft) range; 24 facets with look-down creep zones; 104° coverage producing a maximum width of 18.9m (62ft).
- Pet** 12m (40ft) range; 11 facets; 104° coverage producing a maximum width of 18.9m (62ft).
- Curtain** 12m (40ft) range; 11 facets; 6° coverage producing a maximum width of 1.3m (4ft).
- Long Range** 33.5m (110ft) range; 11 facets with look-down creep zones; 8° coverage producing a maximum width of 1.6m (5ft).

EUROPEAN STANDARDS

Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC, EN 50130-4.

