

Mirage Quad

GENUINE QUAD ELEMENT DETECTION



THANK YOU FOR VOTING TEXECOM



Discover exceptional false alarm immunity with the *Mirage Quad*™ from Texecom. Genuine quad element detection combined with advanced surface mount technology consistently deliver unrivalled stability and reliability even in the most hostile environments.

Outstanding features include:

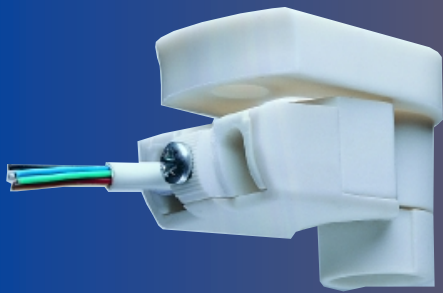
- ✓ **GENUINE QUAD ELEMENT DETECTION**
- ✓ **INTELLIGENT TEMPERATURE COMPENSATION**
- ✓ **50V/m ADVANCED RF PROTECTION UP TO 1GHz**
- ✓ **INTRUDER CONFIRMATION CIRCUITRY (ICC™)**
- ✓ **PATENTED TAMPER-PROOF BRACKETS WITH CABLE FEED-THROUGH**
- ✓ **FULL COMPLIANCE WITH EN 50130-4**
- ✓ **SURFACE MOUNT TECHNOLOGY (SMT)**
- ✓ **INTERCHANGEABLE LENS LIBRARY**
- ✓ **SELECTABLE PULSE COUNT**
- ✓ **SEALED OPTICS**

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

Exclusive worldwide patents.
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TAMPER-PROOF BRACKETS



Tamper-proof ceiling bracket with cable feed-through



Tamper-proof wall bracket with cable feed-through

Patented tamper-proof brackets provide two extra mounting options, enable precise angle adjustment and make installation simple in any location. All wiring can be entirely concealed within the bracket housing ensuring a fully tamper-proof installation.

Mirage - the next generation of motion detectors.



WITH CEILING BRACKET



WITH WALL BRACKET

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

Mirage Quad

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SPECIFICATION

ELECTRICAL

Voltage 9 - 16Vdc.

Current 10mA typical at 12Vdc.

Maximum Ripple 2Vpp at 12Vdc (50 - 120Hz sinusoidal).

Alarm Output Normally closed (failsafe) voltage free relay contacts. Rated at 24Vdc, 10mA protected by 18Ω series resistor.

Tamper Output Normally closed voltage free switch contacts. Rated at 24Vdc, 50mA.

Alarm Period 2 - 3 seconds typical.

Walk Test LED Internal link to enable/disable.

Detection Method Passive infrared.

Pyro-electric Detector Quad element, ultra low noise.

ENVIRONMENTAL

Operating Temperature -10°C (+14°F) to +55°C (+131°F).

Temperature Compensation Automatic.

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 or Industrial.

FALSE ALARM PROTECTION

Design Noise reduction circuits with maximum ground plane.

Electrostatic Discharge No false alarm up to 8kV.

Complies with BS EN 61000-4-2 : 1995.

Radiated RF Immunity No false alarm from 50kHz to 1GHz at 50V/m. Complies with BS EN 61000-4-3 : 1996 10V/m 80% AM at 1kHz and BS EN 50130-4 : 1996 10V/m 100% pulse modulation at 1Hz.

Fast Transient Immunity No false alarm at 4kV.

Complies with BS EN 61000-4-4 : 1995.

High Energy Transient Immunity No false alarm up to 1kV.

Complies with BS EN 61000-4-4 : 1995.

Radiated Emissions Complies with BS EN 55022 : 1995 Class B.

Conducted RF Immunity No false alarm from 150kHz to 100MHz. Complies with BS EN 61000-4-6 : 1996 10Vrms 80% AM at 1kHz and BS EN 50130-4 : 1996 10V/m 100% pulse modulation at 1Hz.

Pulse Count Internal link to select.

EMC Exceeds the requirements of BS EN 50130-4 : 1996.

White Light Rejection Super-white lens.

PHYSICAL

Mounting Corner or wall (without mounting bracket). Optional ceiling and wall mount brackets supplied as standard with adjustment range ±30° horizontal, -30° vertical. Mounting height up to 4.1m (13'6").

Casing 2.5mm (0.1") wall thickness in flame retardant ABS. Designer white with super-white lens.

Dimensions 116mm x 66mm x 41mm (4.6" x 2.6" x 1.6").

Packed Weight 180g (6oz) approx.

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; 6° 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 (amended by 92/31/EEC & 93/68/EEC).

Approved to BS EN 55022 Class B, BS EN 50130-4 : 1996 & ETS 300683.

The CE mark indicates that this product complies with the European requirements for safety, health, environmental & customer protection.



Certificate Number: FM 35285

EASEM

BSIA



M.O. EU2