



# Reflex

## Best Selling PIR

Discover exceptional reliability with the Reflex passive infrared detector from Texecom. With proven success in more than 9 million installations, the Reflex has been further enhanced through the use of advanced surface mount technology. Additional filtering and suppression combined with intelligent temperature compensation reinforce the fact that no other detector can match the overall specification of the Reflex.

### Outstanding Features

- 12m Volumetric Coverage
- Interchangeable Lens Library
- EN 50131 Grade 2
- Adjustable Mounting Height
- Improved Temperature Compensation Profile
- 50v/m Rf Immunity
- Mounting Brackets Available Separately
- Sealed Optics
- Choice Of Four Mounting Options
- 104° Coverage



**Texecom**  
Designed to Perform



## Proven Reliability

Now with advanced surface mount technology and additional filtering, the Reflex exceeds industry standards by over 500%. Full compliance with EN50130-4 has been independently verified for total peace of mind.



## Sealed Optics & Adjustable Mounting Height

The Reflex contains fully sealed optics, preventing false alarms from insects & draughts. An adjustable PCB position provides optical alignment, ensuring an optimum coverage pattern when mounted anywhere between 1.5m & 3.0m.

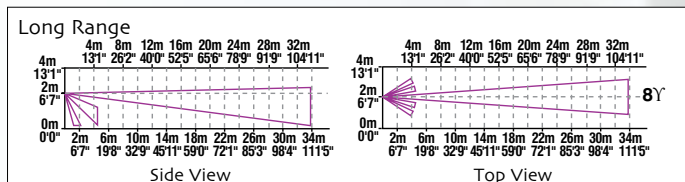
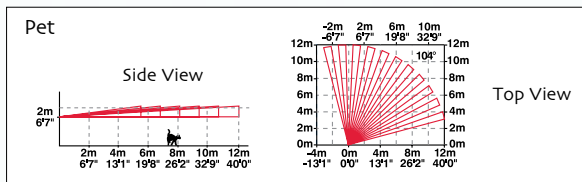
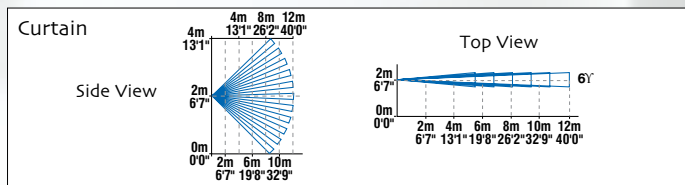
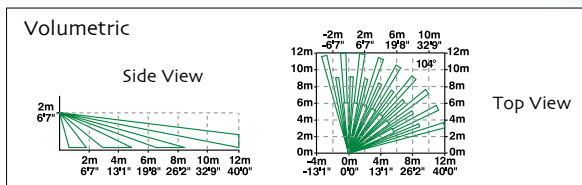


## Patented Tamper-Proof Brackets (optional)

Patented tamper-proof brackets provide two extra mounting options, enabling precise angle adjustment & make installation simple in any location.

Reflex Specifications	
Range:	12m (40 feet), 104° volumetric coverage
Supply Voltage:	9 - 16VDC
Current Consumption:	10mA typical at 12Vdc
Alarm Signaling:	Built-in normally closed relay
Alarm Relay:	Rated at 24Vdc, 50mA protected by 18Ω series resistor
Dimensions:	90mm x 63mm x 40mm
Packed Weight:	125g (4.5oz) approx.
EMC:	Independently certified to EN50130-4 : 1996
Design:	Noise reduction circuits with maximum ground plane
RF Immunity:	No false alarms from 80MHz to 1GHz at 50V/m modulated

## Coverage Patterns



## European Standards

EMC: Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

Approved to BS EN 55022 Class B and BS EN 50130-4 : 1996.

PD 6662 & EN 50131 Grade 2 Environmental Class II.

The CE mark indicates that this product complies with the European requirements for safety, health, environmental and customer protection. Texecom products are protected by UK and International patents, trademarks and registered design rights.

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