



Medusa

Passive Infrared Detection

The reliability of the Medusa™ passive infrared detector from Texecom has been proven in use time and again. Millions of units are now in operation throughout the world. Advanced surface mount technology combined with additional filtering and suppression ensure that today's Medusa now has the highest ever immunity to all environmental disturbances.

Outstanding Features

- 12m Volumetric Coverage
- Interchangeable Lens Library
- EN 50131 Grade 2
- Adjustable Mounting Height
- Improved Temperature Compensation Profile
- 50v/m Rf Immunity
- Ceiling Bracket Available Separately
- Sealed Optics
- 98° Coverage



Texecom
Designed to Perform



Proven Reliability

Now with advanced surface mount technology and additional filtering, the Medusa 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 Medusa 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.



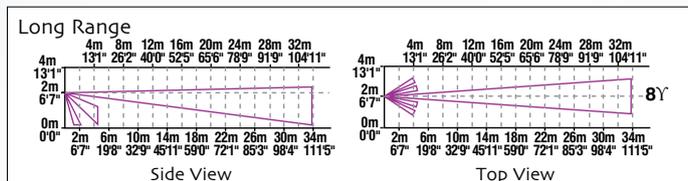
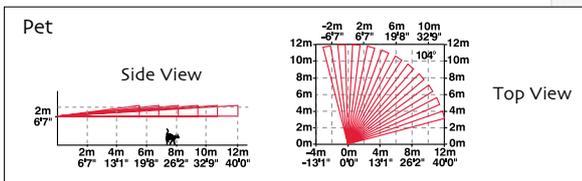
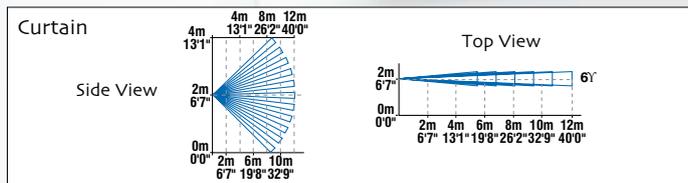
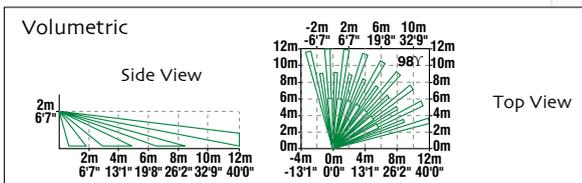
Complimentary Ceiling Bracket (optional)

Optional ceiling bracket, enabling precise angle adjustment and ensures simple installation in any location.

Medusa Specifications

Range:	12m (40 feet), 98° volumetric coverage
Supply Voltage:	9 - 16VDC
Current Consumption:	17mA typical at 12VDC
Alarm Signaling:	Built-in normally closed relay
Alarm Relay:	Rated at 24VDC, 50mA protected by 18Ω series resistor
Dimensions:	79mm x 67mm x 38mm
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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