

The addressable dual-element, pet-immune PIR motion detector (AMB-600) is equipped with a large, multi-beam lens design that reliably identifies humans while remaining immune to pets weighing up to 85 lbs (38 kg). To ensure trouble-free operation for many years, special attention is given to false alarm immunity against RF, static and electrical transients. The detector uses a two-wire connection to the control panel that helps to reduce installation time and cost. The low current draw of the detector helps maximize the number of devices that can be attached to an addressable loop.



Product Features:

- ▶ Multi-beam lens design
- ▶ Patented Multi-Level Signal Processing (MLSP) for accurate detection of human IR energy over a broad range of temperatures
- ▶ 2 dual element low-noise sensors
- ▶ High-level static and transient protection
- ▶ Exceptional white light immunity
- ▶ Excellent RF immunity
- ▶ Exceptional catch performance at elevated temperatures
- ▶ LED on/off jumper
- ▶ Tamper switch
- ▶ Vertical adjustment
- ▶ Optional wall-mount and ceiling-mount brackets available
- ▶ Attractive, modern design

Locating the Detector

When choosing a location for the detector, be sure to consider the following:

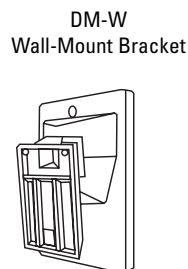
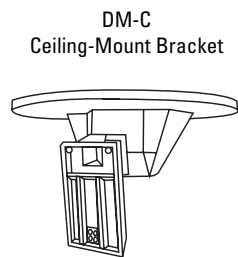
- Do not aim the detector at reflective surfaces
- Avoid locations that are subject to direct high air flow
- Do not locate the detector in the path of direct or reflected sunlight
- Do not place next to large obstructions that may limit the coverage area

Accurate Detection

Patented Multi-Level Signal Processing (MLSP) provides for more accurate detection of human IR energy over a broad range of temperatures. It's able to maximize catch performance while providing protection against false alarm sources such as radio interference, air vents and insects.

Optional Adjustable Wall and Ceiling Mount Brackets

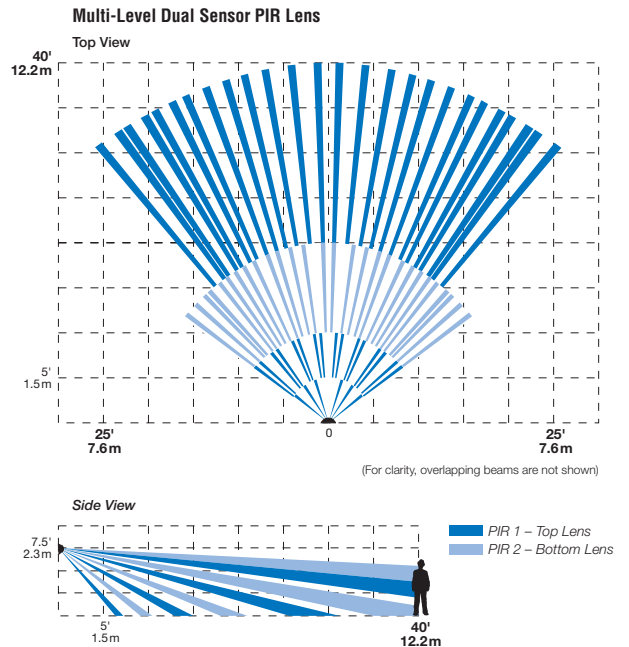
Adjustable up/down tilt and 90° rotation to obtain an ideal position for optimal coverage.



Ordering Information:

AMB-600	Addressable Dual-Element Pet-Immune PIR Motion Detector
Brackets	
DM-W	Wall-Mount Bracket
DM-C	Ceiling-Mount Bracket

Coverage Pattern



Specifications

Dimensions	4.9" (H) x 2.76" (W) x 1.75" (D) (125 mm x 70 mm x 45 mm)
Operating Voltage	9 to 14 V RMS*
Standby Current	3.5 mA
Current in Alarm	3.5 mA
Test Current	6.5 mA
Contact Rating	100 mA @ 30 Vdc
Operating Temperature Range	32° to 122° F (0° to 50° C)
RF Immunity	10 V/m +80% A.M. Over Range, 80 MHz to 1,000 MHz
Relative Humidity	5% to 95%
Static Immunity	15 kV
Transient Immunity	2.4 kV @ 1.2 joules
White Light Immunity	4 kLux @ Device
Walk Detection Speed	0.5 to 10 ft/s (0.15 to 3 m/sec)
Alarm Duration	2 to 3 Seconds
Coverage Angle	100° Maximum
Vertical Adjustment	+5 to -10°
Mounting Heights (BV-L1)	6' to 10' (2 m to 3 m)

*Compatible with DSC AML (Addressable Multiplex Loop) voltage



For product information
www.dsc.com

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