IS-2260/IS-2260T

Passive Infrared Motion Sensor

The IS-2260 Passive Infrared Motion Sensor provides reliable detection with pet immunity up to 40 pounds and is ideal for both residential and light commercial applications. Optimum performance is achieved by using Uniform Sensitivity Optics and Advanced ASIC-based processing.

FEATURES

Reliable Detection With 40 lb. Animal Immunity
- By combining Uniform Sensitivity Optics and Advanced ASIC processing, the IS-2260/ 2260T sensors give installers the best of both worlds—quick catch and the ability to ignore pets up to 40 lbs.

Temperature Compensation
- Advanced Dual Slope Temperature Compensation adjust above and below body temperature for improved detection and false alarm immunity.

Flexible Mounting
- Mount the sensor at either 7.5 feet or 10 feet. It surface mounts on walls, corners, or angles using the optional swivel mount bracket.

Zero-Clearance Black Bug Guard
- A patented black bug guard prevents bugs or dust from entering the optic chamber while increasing white light immunity.

Slim, Attractive Design
- The sleek, sturdy housing fits into a variety of building styles and blends with any décor. ABS plastic is used for shock and impact protection. The housing offers a convenient wiring channel, knockouts for mounting and wiring and easy access to wiring terminals.

Look-down Zone
- The IS-2260 has a detection zone beneath the sensor. (This feature should not be used in sites with pets.)

Highly-visible LED Tamper Protection
- The IS-2260T can detect attempts to open or damage the sensor's housing.

Selectable Sensitivity
- Three sensitivity settings let you configure the sensor to suit the specific needs of the site. If the protected area contains pets, choose the standard setting. If the intruder is likely to cross only a small portion of the protected area, choose the intermediate setting. If the site's conditions are extreme and call for additional false-alarm immunity, select the harsh setting.

Uniform Sensitivity Optics
- With its custom-designed Fresnel lens, the IS-2260 can detect an intruder at the edge of the protected area as easily as an intruder directly in front of the sensor.

Wide-Angle and Curtain Lenses
- With the wide-angle lens installed, the IS-2260 can detect movement across an 60' x 120' (18 m x 36 m) area. The range of the curtain lens is 100' x 20' (30.5 m x 6 m).
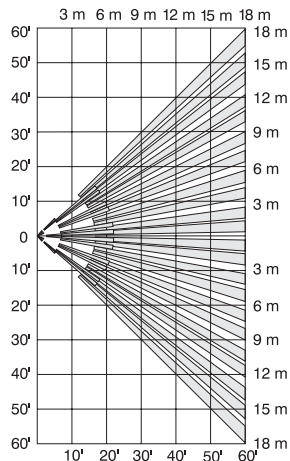
Effective in Hot or Cold Environments
- The IS-2260 is capable of functioning normally in a wide range of environments: rooms as cold as 14°F (–10° C) or as hot as 122°F (50° C). Its advanced dual-slope temperature compensation gives the sensor the ability to detect intruders in rooms that are slightly above or below body temperature.
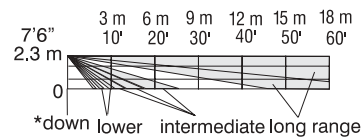
IntelliSense
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IS-2260/IS-2260T
Passive Infrared Motion Sensor

Top View
Wide Angle Lens
7'6" (2.3 m) or 10' (3m) Mounting Height

Side View
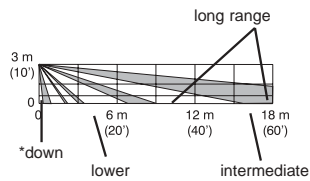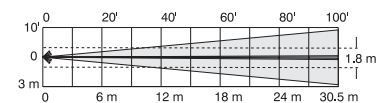Wide Angle Lens
7'6" (2.3 m)
Mounting Height

Side View
Wide Angle Lens
10' (3 m) Mounting
Height

Top View
Curtain Lens

Side View
Curtain Lens

Note: Intermediate Pulse Processing setting should be set when using the optional curtain lens.
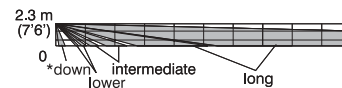
* Look-down pattern only available when look-down tab is removed

SPECIFICATIONS

Range:
• Wide angle lens: 60' x 120'
  (18 m x 36 m)
• Curtain lens: 100' x 20'
  (30.5 m x 6 m)

PIR detector fields-of-view (edges):
• 44 long range
• 12 intermediate
• 6 lower

Pulse Processing:
• Select among intermediate, standard and harsh modes

Detectable walk rate:
• 0.5 - 10 ft./second

Indicator:
• Red LED (which can be disabled)

Alarm relay:
• Form A, SPST, 90mA @ 16VDC
• 15 ohm protective resistor

Input voltage:
• 8 - 14VDC

Current:
• With LED: 10mA
• Without LED: 4mA
• Standby: 4mA
• Tamper: (IS-2260T only)
• Normally-closed (with cover on),
• 0.5A, 30VDC

Operating temperature:
• 14° to 122° F (-10° to 50° C)

Operation humidity:
• Up to 95% RH (max.), non-condensing

Dimensions:
• 4-3/8" x 2-1/4" x 1-1/2"
  (11.2 cm x 6 cm x 4 cm)

Accessories:
• Lens Option Kit 18 - 3 m
  (10') Wide Angle
• Lens Option Kit 19 - Curtain Lens
• SMB-10 Swivel Mount Bracket
• SMB-10T Swivel Mount Bracket
  w/Tamper
Note: These accessories should not be used in sites with pets.

Approvals:
• CE
• C-Tick
• cULus

ORDERING

IS-2260	Passive Infrared Detector

Honeywell Security Group
IntelliSense
165 Eileen Way, Syosset, NY 11791
www.getintellisense.com

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