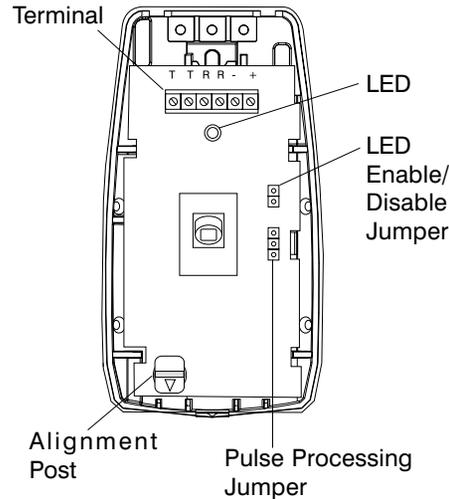




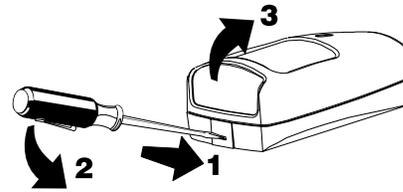
## Mounting Guidelines

- Select a mounting location in which the likely direction of intruder motion is across the coverage pattern rather than towards or away from the sensor.
- Do not install where the sensor is exposed to direct sunlight, or is close to strong sources of heat.
- Make sure there are no obstructions that can block the pattern of coverage.
- Do not install in an area where rapid temperature changes from central heating, radiators, ducts, air conditioning, open flames, etc. are likely.
- Avoid running sensor cables close to other cables especially for extended distances or where the other cables radiate excessive electromagnetic interference.

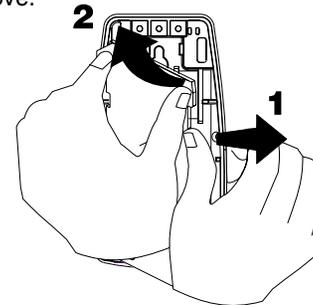
## Printed Circuit Board



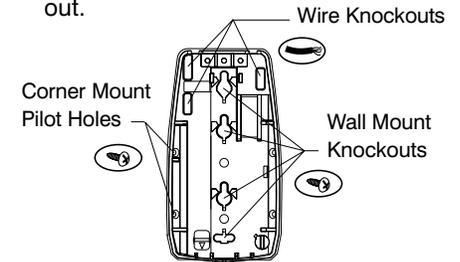
**1** Open the unit.



Push out on the latch on the right side of the housing and gently pull up on the PCB to remove.

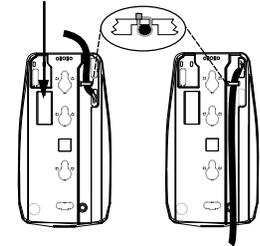


**2** Select wire and wall mount knockouts to be used and carefully break them out.

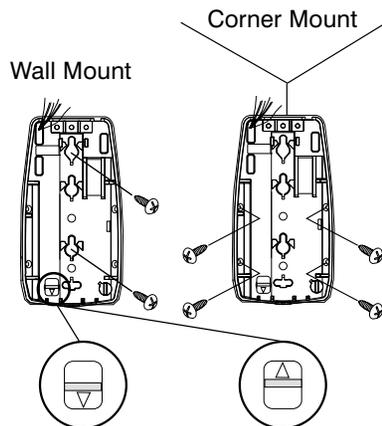


**Do not use for wires.**

Pull wire out of the wall and remove 3" (8 cm) of cable jacket. Insert wires into back housing and attach with wire tie. Cut excess wire tie.



**3** Mount the sensor in the desired location. Set alignment post according to mounting height and lens used.



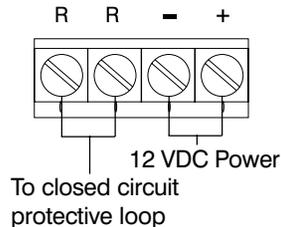
**Position 0**  
Used with 7'6" (2.3 m)  
Wide Angle Lens  
Curtain Lens \*

**Position 1**  
Used with 10' (3 m)  
Wide Angle Lens \*

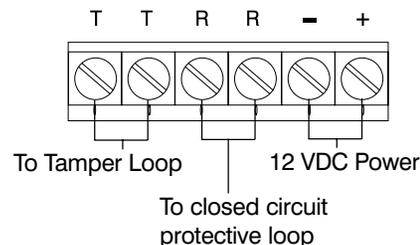
\* Curtain lens and 10' wide angle lens are not intended for use in pet applications.

**4** Connect the wires to terminal as shown using 18-22 AWG (0.3-1.0 mm<sup>2</sup>) wire. Observe the proper polarity.

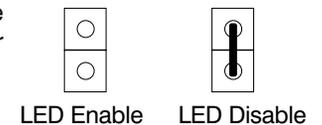
IS-2260



IS-2260T



**5** To enable the LED, remove the LED enable/disable jumper link. To disable the LED, replace the jumper link.



**6** Set Pulse Processing Option

**Intermediate Pulse Processing (INT):** This is the recommended setting for any location where an intruder is expected to cross only a small portion of the coverage area. It tolerates normal environments.

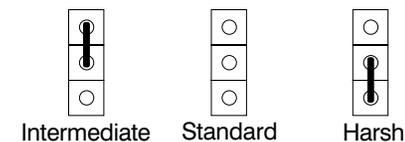
**Note:** NOT recommended for pet immune applications.

**Note:** Recommended if using the optional curtain lens.

**Standard Pulse Processing (STD):** This is the recommended setting for most applications. It tolerates environmental extremes.

**Note:** This is the recommended setting for pet immune applications.

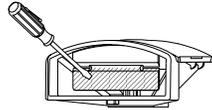
**Harsh Pulse Processing (HARSH):** This is the recommended setting for the severest of environments and should only be used in locations where an intruder is expected to cross moderate to large portions of the coverage area.



The IS-2260/2260T passive infrared motion sensor is a versatile wall-mounted unit employing Fresnel lenses and offering efficient coverage patterns for commercial and residential applications.

When installed per the guidelines, the Uniform Sensitivity Optics technology in the IS-2260 provides reasonable false alarm protection against pets and other animal up to 40 lbs.

To activate look-down capabilities, remove the lens/bug guard assembly. Use a screwdriver to push in and out on the look-down tab until it breaks off. (Not to be removed for pet applications.)



### Special Instructions for Installations Containing Pets

To take full advantage of the pet immunity the guidelines below should be followed:

- Mount the center of the sensor 7'6" (2.3 m) high.
- Set the PIR sensitivity for Standard (STD).
- Mount where animals cannot come within 6' (1.8 m) of the sensor by climbing on furniture, boxes, or other objects.
- Do not aim the sensor at stairways that can be climbed by animals.

**Note:** Do not break out look-down tab for sensors using pet applications.

**Note:** This sensor will provide immunity to false alarms for an individual animal or a group of animals whose total weight is equal to or less than 40 lbs. when the room temperature is above 50° F (10° C).

**Note:** Pet immunity for this sensor has not been evaluated by Underwriter's Laboratories, Inc.

**Note:** Only the 7'6" (2.3 m) mounting height lens provides immunity to animals moving within the field-of-view.

### Test Procedure

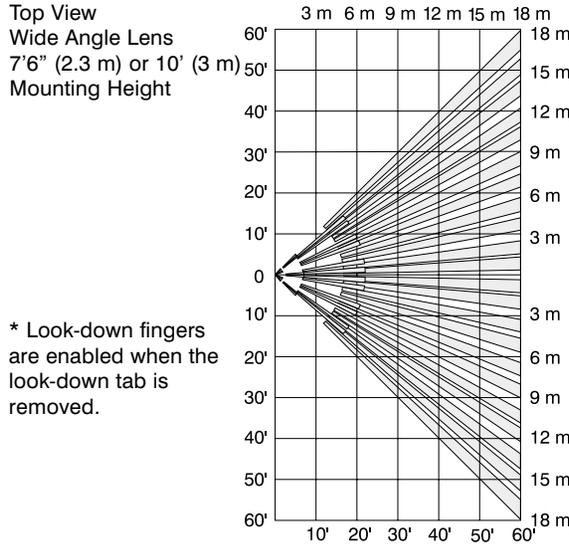
**Important:** Two-minute warm-up time is required after applying power.

1. Remove the front cover and set Pulse Processing Option to the setting appropriate for the installation. The LED must be enabled at this time.
2. Replace the front cover and walk through detection zones, observing that the sensor's LED lights whenever motion is detected (The LED serves as a walk-test indicator during this procedure).

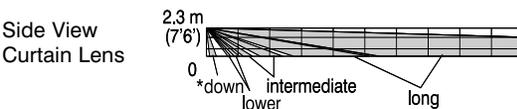
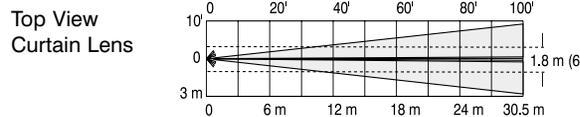
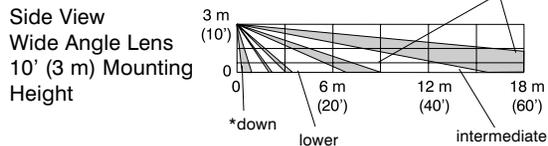
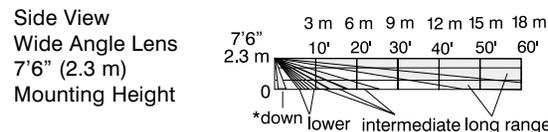
The absolute range of all PIR units is subject to variation because of different types of clothing, backgrounds, and ambient temperature. For this reason, ensure that the most likely intruder routes are well within the PIR's detection zones and that walk-testing is carried out along those routes.

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### Detection Patterns



\* Look-down fingers are enabled when the look-down tab is removed.



**Note:** Intermediate Pulse Processing setting should be set when using the optional curtain lens.

### 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:

Intermediate, Standard, Harsh selectable

#### Temperature Compensation:

Advanced dual-slope temperature compensation adjusts for ambients both above and below body temperature.

#### Detectable Walk Rate:

0.5 - 10 ft./Second

#### Indicator:

Red LED with enable/disable link

#### Alarm Relay:

Form A, SPST, 90 mA @ 16 VDC  
15 Ohm protective resistor

#### Input Voltage:

8 - 14 VDC

#### Current:

W/LED 10 mA  
W/O LED 4 mA  
Standby 4 mA

#### Standby:

Power source should be capable of at least four hours of battery standby.

#### Tamper: (IS-2260T only)

NC (with cover on), 0.5 A, 30 VDC

#### 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 - 10' (3 m) Wide Angle  
Lens Option Kit 19 - Curtain Lens  
SMB-10 Swivel Mount Bracket

**Note:** The Lens Options and Swivel Mount Bracket should not be used in pet applications.

