

Overview

The ISW-EN1262 is a low-current motion detector that is highly sensitive to moving heat (infrared radiation) sources.

Use the ISW-EN1262 in residential and low-traffic commercial applications.

1.0 Open the Detector Housing

1. Insert a small flat-blade screwdriver at a 45° angle into the tab on the bottom of the unit.
2. Press downward on the handle of the screwdriver until the latch holding the cover to the housing base releases. Refer to *Figure 1*.

Figure 1: Open the Housing

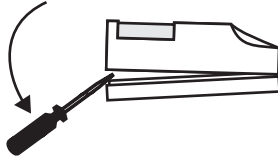
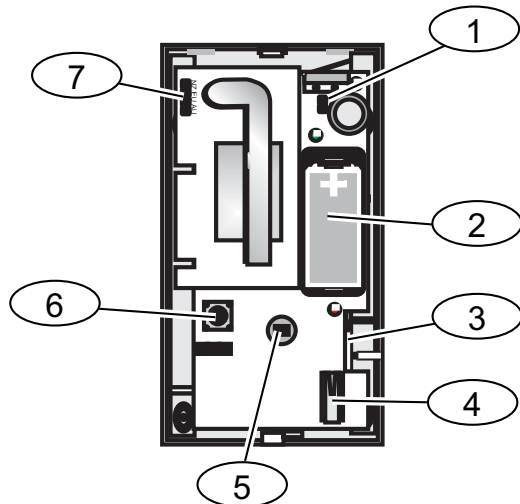


Figure 2: Detector Components

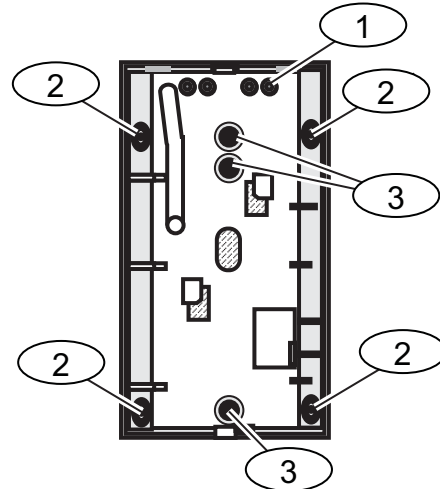


- 1 - Wall Tamper pins
- 2 - Battery
- 3 - Circuit Board Attachment latch
- 4 - Housing Tamper switch
- 5 - Look-down lens
- 6 - Reset button
- 7 - Frequency Band pins

2.0 Mount the Housing Back Plate

1. Pull the circuit board attachment latch and lift the circuit board out of the housing. Refer to *Figure 2*.
2. Use a 3/16 in. (4.8mm) bit to drill out the tamper rivet hole index. Refer to *Figure 3* on page 1.
3. Install the tamper wall anchor.

Figure 3: Mounting Holes



- 1 - Taper rivet hole
- 2 - Corner-mount hole
- 3 - Wall mount hole

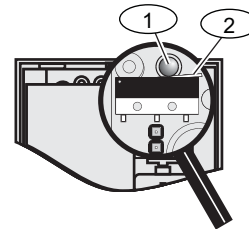
4. Mount the housing using either the three wall-mount holes or the four corner-mount holes.
 - Use a 4 mm (5/32 in.) bit to drill the appropriate housing holes.
 - Use the included screws to mount the housing.



If using the wall tamper:

- Ensure that the wall tamper rivet depresses the wall tamper switch. Refer to *Figure 4*.
- Remove the jumper plug from the wall tamper selection pins. Refer to *Figure 2*, page 1.

Figure 4: Wall Tamper Switch



- 1 - Wall tamper rivet
- 2 - Wall tamper switch arm

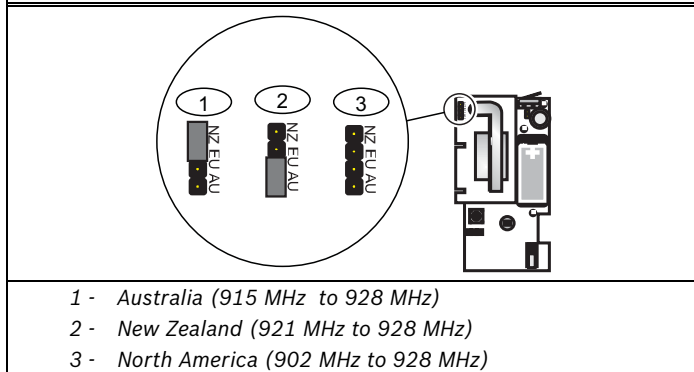


3.0 Select the Frequency Band

Select the appropriate frequency band for your geographic area.

1. Place a selection jumper on the appropriate Frequency Band pins (refer to *Figure 5*).
2. Press the Reset button.

Figure 5: Frequency Band Settings

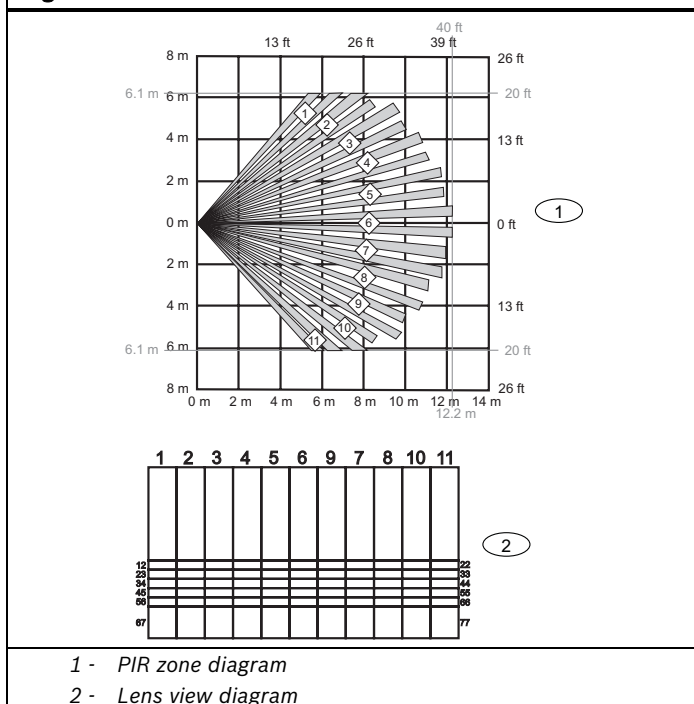


i When pressing the Reset button, do not touch the Frequency Band pins. Touching the Frequency Band pins while pressing the Reset button can inadvertently set the detector to the wrong frequency band.

4.0 Mask the Zones

If masking is required, use *Figure 6* to mask the appropriate zones. Use opaque masking material, such as electrical tape.

Figure 6: Mask Zones



To enable the look-down zones, peel the mask from the look-down lens. Refer to *Figure 2* on page 1 for the location of the look-down lens.



5.0 Install the Battery

Remove the tab from the battery's (+) terminal.

Refer to *Figure 2*, page 1.

i The detector must stabilize for at least 3 min after power-up, at which time the detector is not operational. During this period, the LED blinks once per second. When the 3-min stabilization period ends, the detector requires a 2-sec quiet period. After the 2-sec quiet period, the detector enters walk-test mode and remains in this mode until it detects no motion for 120 sec.

6.0 Register the Transmitter

To ensure that the detector is supervised by the system receiver, you must register its transmitter with the system receiver. Each detector has a unique factory-programmed identification number. Refer to the receiver, network coordinator or control panel installation instructions for details on registering a transmitter.

1. If necessary, open the detector housing.
2. When prompted to reset the detector, press the Reset button. Refer to *Figure 1* on page 1. If using the optional housing screws for added security, use a 2.78 mm (7/64 in.) bit to drill out the housing holes on the top and bottom of the detector housing.
3. Close the detector housing.

7.0 Test the Detector

i To ensure correct operation, test the detector after it registers with the system receiver. To test the detector, activate each of the conditions and ensure that an appropriate response occurs.

1. During the 3-min stabilization period, press and release the housing tamper switch to cause a tamper condition. Refer to *Figure 2*, page 1, for the location of the housing tamper switch.
2. When the stabilization period is complete, replace the housing cover, and walk in front of the detector to create an alarm.

8.0 Specifications

Dimensions (H x W x D):	11.4 cm x 6.4 cm x 4.1 cm (4.5 in. x 2.5 in. x 1.6 in.)
Operating Temperature:	0° C to +60° C (+32° F to +140° F)
Humidity:	0 - 90% (non-condensing)
Battery:	3 V lithium (CR123A or DL123A)
Typical Battery Life:	2 years
Tamper:	Housing and/or wall tamper (optional)
PIR RF interference Immunity:	Greater than 30 V/m 26 MHz - 1 GHz
Alarm Lockout Time:	3 min
Mounting Height:	2.1 to 2.7 m (7 to 9 ft)
Standard Lens Coverage:	12.2 m x 12.2 m (40 ft x 40 ft)
Compatible Receivers:	ISW-EN4204R, ISW-EN4216R, and ISW-EN7280