The EN1262 PIR Motion-Sensor Transmitter is appropriate for low-traffic commercial applications. Advanced signal processing recognizes human signature size and movement, providing excellent catch performance and unsurpassed false alarm immunity. Pet immunity reduces false alarms caused by animals.

**System overview**

**Powered by Inovonics**
The Inovonics EchoStream platform, powered by Inovonics wireless mesh network technology, ensures superior range, reliability, and scalability for commercial applications. Using a wide range of transmitters and repeaters, this proven technology provides flexibility and performance to meet the most stringent requirements. This exclusive protocol is available only on Inovonics EchoStream products.

**Wireless 900 MHz Band**
The Inovonics EchoStream platform sends redundant information on several multi-frequency channels within the FCC Part 15 900 MHz band, providing superior range and reliability. In comparison, systems that use a single frequency technology can only send information on one narrow band channel. Any interference within the band can cause missed signals. With wireless registration, it is easy to add this technology to any application.

**Functions**

**Pet Immunity**
The sensor distinguishes signals caused by humans from signals caused by one or two animals with a combined total weight of 13.6 kg (30 lb), reducing false alarms.

**Cover Tamper**
The cover tamper switch notifies the system when an intruder attempts to remove the sensor cover.
Optional Wall Tamper
The wall tamper switch provides increased security and is ideal for high-end residential applications. The wall tamper switch notifies the system when the sensor is removed from its mounted surface.

Supervision
The cover tamper, wall tamper, and battery activity are supervised. Monitoring helps ensure reliable operation.

Certifications and approvals
Inovonics Wireless Corporation also holds the following approvals:
FCC Conforms to FCC Part 15 regulations

Installation/configuration notes
Compatibility Information
The EN1262 PIR Motion-Sensor Transmitter is compatible with the following products:

<table>
<thead>
<tr>
<th>Receivers</th>
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<tbody>
<tr>
<td>EN4016SK</td>
<td>Survey Receiver</td>
</tr>
<tr>
<td>EN4200</td>
<td>Serial Receiver</td>
</tr>
<tr>
<td>EN4204R</td>
<td>LED Receiver</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Repeaters</th>
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<tbody>
<tr>
<td>EN5040-T</td>
<td>High-power Repeater</td>
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</table>

Mounting Height and Coverage Patterns
Mount the sensor-transmitter at a height between 2.1 m and 2.7 m (7 ft to 9 ft). The coverage patterns for the standard lens are as follows:

**EN1262 Standard Coverage**

```
Top View: 12.2 m x 12.2 m (40 ft x 40 ft)
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Side View: 3 m x 12.2 m (9.8 ft x 40 ft)
```

Parts included

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sensor-transmitter with cover and wall tampers</td>
</tr>
<tr>
<td>1</td>
<td>3.0 v lithium battery</td>
</tr>
</tbody>
</table>

Technical specifications

**Electrical**

- Power: 3.0 V, 2.2 Ah
- Battery Replacement: Duracell DL123A, Panasonic CR123A, or approved equivalent. Not all brands are equivalent. Use the brands specified.
- Battery Life (Average): 2 years. Typical battery life shown is for supervised operation using recommended check-in times. The battery life of a PIR sensor is highly dependent on traffic in its coverage area.

**Environmental**

- Relative Humidity: Up to 90%, non-condensing
- Temperature (operating): 0°C to +60°C (+32°F to +140°F)

**Mechanical**

- Dimensions: 11.4 cm x 6.4 cm x 4.1 cm (4.5 in. x 2.5 in. X 1.6 in.)

**Transmission Characteristics**

- Frequency: 902 MHz to 928 MHz
- Radio Frequency Interference (RFI) Immunity: Greater than 30 V/m for frequencies between 26 MHz and 1 GHz.

**Trademarks**

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Panasonic is a registered trademark of Matsushita Electric Industrial Co., Ltd.

Ordering information

EN1262 PIR Motion Sensor-Transmitter (Residential and Low-traffic Commercial Applications)
Provides 12 m x 12 m (40 ft x 40 ft) coverage and pet immunity. Includes cover tamper, optional wall tamper, and battery.
Order number EN1262