## Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>OPTEX-HX-80N</th>
<th>OPTEX-HX-80NAM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General method</strong></td>
<td>Passive</td>
<td>Absorption</td>
</tr>
<tr>
<td><strong>PIR Coverage</strong></td>
<td>25 m (28 ft)</td>
<td>30 m (33 ft)</td>
</tr>
<tr>
<td><strong>PIR Sensitivity</strong></td>
<td>0.6, 1.0</td>
<td>0.8, 1.0</td>
</tr>
<tr>
<td><strong>Grounded speed</strong></td>
<td>0.9 m (3 ft)</td>
<td>1.2 m (3.9 ft)</td>
</tr>
<tr>
<td><strong>Max. detection range</strong></td>
<td>13.8 m (45 ft)</td>
<td>17.7 m (58 ft)</td>
</tr>
<tr>
<td><strong>Power input</strong></td>
<td>8 V - 14 V DC</td>
<td>8 V - 14 V DC</td>
</tr>
<tr>
<td><strong>Battery capacity</strong></td>
<td>12.0 Wh (450 mA)</td>
<td>12.0 Wh (450 mA)</td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>1.5 mW</td>
<td>1.5 mW</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>90 x 90 x 120 (H) mm</td>
<td>90 x 90 x 120 (H) mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>366 g</td>
<td>366 g</td>
</tr>
</tbody>
</table>

**Coverage**

**Top view**

24 m (80 ft)

5.0m (16 ft) 4.0m (13 ft) 3.0m (10 ft) 2.5m (8.2 ft)

**Side view**

24 m (80 ft)

3.0 m (9.8 ft)

3.5 m (11.5 ft) 4.0 m (13.1 ft) 4.5 m (14.7 ft) 5.0 m (16.4 ft)

## Dimensions

**Using bracket**

**Without bracket**

**24m Long and Narrow range High-mount Outdoor detector**

**OPTEX advantage**

**HX-80N**

- 2 PIRs standard model

**HX-80NAM**

- Anti-masking model

**HX-80NAM**

- Battery operated model

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*Specifications and designs are subject to change without prior notice.

*Battery and wireless transmitters are not included in these products.
24m/80ft. Closing time for intruders
We are bringing down the curtain.

Product features

Catch performance

The HX Series features superb Catch Performance. The most important element in reliable outdoor detector is accuracy to distinguish a human from a small animal. The exclusive pyro element on board enables the HX to project an ideal detection pattern, thus allowing for more accurate detection of humans and less false alarms.

Adjustability

HX coverage can be adjusted by means of built-in flaps and plates.

Flaps for long distance limit
To adjust the long range of detection, set the upper and lower flaps.

Plates for short range masking
To adjust the short range of detection, set the masking plates.

Slope friendliness

Not all outdoor ground is flat like most indoor environments. Steep slopes can cause negative effects on the catch performance feature. The adjustable included bracket enables the HX to maintain the optimal catch performance.

Product line up

HX-80NAM Anti-masking
Active IR digital anti-masking
When an object is placed close to the lens surface, for a period of more than 180 seconds, the IR Anti-Masking circuit will activate and generate a trouble signal.

HX-80NAM Battery operated model
Save installation time and cost.
HX-80NAM is battery operated model therefore requires no complicated wiring.

Battery box for numerous battery types

Application

Residential site
Commercial site
Storage site

*According to our survey as of November, 2015.