Triggering Lighting and Camera

The LX series is weatherproof and specifically designed for outdoor applications, such as triggering lighting and cameras. With advanced features such as sensitivity and range adjustment and a built-in light sensor providing day and night modes, the LX series is highly versatile. With Double Conductive Shielding, the LX series is resistant to interference from non-related light sources such as the sun and car headlights.

**OUTDOOR PIR DETECTOR**

12 X 15m 120° Wide  
24 X 2m Long and narrow

**LX-402  LX-802N**

**Features**

- Day & night modes
- Selectable detection patterns (Pet Alley or Multi-Level)
- Area-masking strips
- Sensitivity selection switch
- Selectable pulse count (test or 2)
- Form C relay output
- Double conductive shielding

**LIGHTING CONTROL**

Day mode  
Night mode

**PTZ camera control and DVR recording**

Detect  
No Detect

**SAFETY ALERT**

Warning Warning!  
This is District Area

**ENTRY ALARM**

Detect  
No Detect
OUTDOOR PASSIVE INFRARED DETECTOR

LX-402/802N

- **Day & Night Modes**
  Adjust the Day/Night Mode switch according to the brightness of the surrounding environment.

- **Selectable Detection Patterns (Multi or Pet Alley)**
  Multi-level or Pet Alley detection patterns can be selected by sliding the printed circuit board and flipping the mirror. Changing the vertical detection area allows the detector to match the site conditions.

- **Area Masking Strips (LX-402 only)**
  Unwanted detection areas can be easily eliminated by attaching the supplied masking strips.

- **Selectable Sensitivity (High, Mid, Low)**
  Selectable Sensitivity switches are included.

- **Selectable Pulse Count (Test or 2)**
  Selectable Pulse Count switches are included.

- **Adjust the Day/Night Mode switch according to the brightness of the surrounding environment.**

**SPECIFICATION**

<table>
<thead>
<tr>
<th>Model</th>
<th>LX-402</th>
<th>LX-802N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detection method</td>
<td>Passive Infrared</td>
<td>Passive Infrared</td>
</tr>
<tr>
<td>Coverage</td>
<td>12m x 15m (40 ft. x 50 ft.)</td>
<td>24m x 2m (80 ft. x 6.6 ft.)</td>
</tr>
<tr>
<td>Detection</td>
<td>Multi-level area 40 zones</td>
<td>Pet alley area 12 zones</td>
</tr>
<tr>
<td>Mounting</td>
<td>Multi-level area 2.5m (8.3 ft.)</td>
<td>Pet alley area 1.2 - 1.5 m (4 - 5 ft.)</td>
</tr>
<tr>
<td>Detection speed</td>
<td>0.3 - 1.0 m/sec. (1 - 3.3 ft/sec.)</td>
<td></td>
</tr>
<tr>
<td>Sensitivity adjustment</td>
<td>Selectable 3 position (H, M, L)</td>
<td></td>
</tr>
<tr>
<td>Alarm period</td>
<td>2 x 1 sec. (delay timer)</td>
<td></td>
</tr>
<tr>
<td>Alarm output</td>
<td>NC, NO, 28V DC 0.2A max.</td>
<td></td>
</tr>
<tr>
<td>Tamper switch</td>
<td>Opens when cover is removed.</td>
<td></td>
</tr>
<tr>
<td>Pulse count</td>
<td>2 (20 ± 5 sec.) or TEST (1 pulse)</td>
<td></td>
</tr>
<tr>
<td>Day/Night mode adjustment</td>
<td>Approx. 10 to 100,000 lux</td>
<td></td>
</tr>
<tr>
<td>Warm-up period</td>
<td>Approx. 60 sec.</td>
<td></td>
</tr>
<tr>
<td>Power supply</td>
<td>10.8 - 13.2V DC</td>
<td></td>
</tr>
<tr>
<td>Current consumption</td>
<td>25mA max.</td>
<td></td>
</tr>
<tr>
<td>Installation place</td>
<td>Wall (indoor/outdoor)</td>
<td></td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-20°C to +50°C (-4°F to +122°F)</td>
<td></td>
</tr>
<tr>
<td>Operating humidity</td>
<td>Approx. 95% max.</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>170g (6.0oz.)</td>
<td></td>
</tr>
<tr>
<td>IP rating</td>
<td>IP 54</td>
<td></td>
</tr>
<tr>
<td>Accessory</td>
<td>Masking strips (LX-402 only), mounting screw, sponge</td>
<td></td>
</tr>
</tbody>
</table>

Specifications and design are subject to change without prior notice.

**DETECTION PATTERNS**

**DIMENSIONS**

LX-402

- TOP VIEW
- SIDE VIEW

LX-802N

- MULTI-LEVEL AREA
- PET ALLEY AREA

- TOP VIEW
- SIDE VIEW

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