"ZOOM" INTO ANY INSTALLATION

Optex's Unique Zoom Function and Highly Dense, Triple Element Detection Pattern, Provide Unsurpassed Detection Performance at Any Ceiling Height Up to 16 Feet!

OPTEX incorporates its latest technology into a new generation of 360° Bdetectors. The unique "Zoom" mechanism makes the SX-360Z the most flexible detector available. The 276 dense zones will provide a 60ft.(18m) circular detection area at any installation height from 8 to 16ft.(2.4 to 5m) with absolutely no dead spots. The SX-360Z's compact design makes it the perfect detector for all types of applications—residential and commercial, large and small.
FEATURES

- Highly Dense
  Provides highly dense coverage with as many as 276 detection zones, eliminating dead spots over its broad 18m (60ft.) diameter detection area.
- Zoom Function/Pattern Adjustment
  The pattern angle can be variably adjusted. The special lens can be adjusted up and down by rotating the housing cover of the "Zoom" mechanism. The angle adjustment can provide a 360° 18m (60ft.) diameter detection area at any ceiling height up to 5m (16ft.) with high detection performance.
- Patented Multi-focus Lens
  Creates zones with high vertical density for maximum detection sensitivity.
- False Alarm Protection
  - RFI Protection
    No alarm against field strength levels exceeding 30v/m for the range of 100MHz. to 1,2GHz.
  - Temperature Protection
    No alarm in high, low and changing temperatures from -20° to +50°C (-4° to +122°F)
  - Noise Reduction Circuit
    -Selectable Pulse Count: 1, 2, 4.
    -Selectable Sensitivity: High, Medium, Low.
- Other Features
  - LED On/Off Switch.
  - Warm-up Indicator
- Versions
  - SX-360Z: Standard-SX-360ZS: Form C Relay
  - SX-360V: initial Alarm Memory and Patented Double Conductive Shielding of Pyro Element.

DETECTION PATTERNS

TOP VIEW

SIDE VIEW

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>SX-360Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage</td>
<td>&gt;18m (60ft.), 360 ZOOM</td>
</tr>
<tr>
<td>Detection zones</td>
<td>276 zones</td>
</tr>
<tr>
<td>Mounting</td>
<td>Ceiling Height 2.4-5m (8-16ft.)</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>1.5° C (3°F) at 0.6m/sec. (25°sec.)</td>
</tr>
<tr>
<td>Detectable Speed</td>
<td>0.3-1.8m/sec. (1-6ft/sec.)</td>
</tr>
<tr>
<td>LED indicator</td>
<td>LED blinks during warm-up period</td>
</tr>
<tr>
<td>Alarm condition</td>
<td>Alarm output 2.0sec.</td>
</tr>
<tr>
<td>Alarm output</td>
<td>N.C. 28VDC 0.2A max.</td>
</tr>
<tr>
<td>Tamper switch</td>
<td>N.C. Opens when cover removed.</td>
</tr>
<tr>
<td>Pulse count</td>
<td>2.0sec, 1.2 or 4.</td>
</tr>
<tr>
<td>Warm-up period</td>
<td>Approx. 2.0sec. (LED blinks)</td>
</tr>
<tr>
<td>Power input</td>
<td>6-18VDC</td>
</tr>
<tr>
<td>Current draw</td>
<td>13mA (normal), 16mA (max.)</td>
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<tr>
<td>Weight</td>
<td>225g (7.94oz.)</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-20° to +50°C (-4° to +122°F)</td>
</tr>
<tr>
<td>Environmental humidity</td>
<td>95% max.</td>
</tr>
<tr>
<td>RFI interference</td>
<td>No Alarm 30 V/m</td>
</tr>
</tbody>
</table>

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

OPTEX Co., Ltd
HEAD OFFICE: 2-3-1 Uozono, Shinagawa-ku, Tokyo 140-0003, JAPAN
TEL: +81(0)3 5417-0020 FAX: +81(0)3 5416-8190
http://www.optex.co.jp

OPTEX INCORPORATED (USA)
http://www.opteamerica.com

OPTEX EUROPE LTD. (UK)
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