The EX36N is a vandal-resistant corner Integrated Day/Night camera featuring anchor-free No-Grip design. The EX36N has no anchor points for maximum safety in environments with at-risk individuals. The innovative design allows a perfectly flush fit into the corner of a room that protects against even the most brutal attempt to destroy, detach or disable the camera. The sharp 45° angle hides all wiring and delivers complete coverage of the entirety of a 4.5 x 4.5 m (15 x 15 ft) room, including below the camera itself. Double ¼ in LEXAN plates ensure optical clarity and are virtually unbreakable.

The EX36N incorporates mechanical filter technology for vivid daytime color and exceptional night-time imaging under infrared illumination while maintaining sharp focus under all lighting conditions. The EX36N also features proprietary CCD technology for outstanding spectral response in the near infrared for excellent active-infrared night vision. Infrared-emitting LEDs achieve covert, effective night vision using Black Diamond technology for the most advanced level of night vision performance available today. Photocell-controlled infrared reduces energy consumption and ensures excellent imaging performance under low-light conditions. With Black Diamond technology foreground hotspots and underexposed backgrounds are eliminated. LED intensity is adjustable for optimal performance. An optional microphone is available.

**Functions**

**Applications**
- Prisons cells
- Hospital rooms
- Psychiatric wards
- Elevators
- Storage rooms
- Interrogation rooms
- Seclusion cells
- Holding cells

**Certifications and approvals**

- CSA C22.2 No 0-M1991
- CSA C22.2 No 1-M94
- CSA C22.2 No 94-M91
- UL Std No 50
- UL Std No 2044
- FCC PART 15 Class A

- General Elec. Rqts, Part II
- Audio, Video and Similar Equip.
- Special Purpose Enclosures
- Enclosures for Elec. Equipment
- Commercial CCTV Equipment
- Applicable health care facility
<table>
<thead>
<tr>
<th>Region</th>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>CE</td>
</tr>
</tbody>
</table>

### Technical specifications

<table>
<thead>
<tr>
<th>Sensor</th>
<th>MX4 Hi-resolution day/night CCD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>540 TVL color</td>
</tr>
<tr>
<td>Effective Pixels</td>
<td>NTSC: 768 x 494 (HxV)</td>
</tr>
<tr>
<td></td>
<td>PAL: 752 x 582 (HxV)</td>
</tr>
<tr>
<td>Sensitivity Daytime</td>
<td>0.02 lux with F1.4 lens</td>
</tr>
<tr>
<td>Sensitivity Night time</td>
<td>0.0 lux (works in total darkness)</td>
</tr>
<tr>
<td>Lens</td>
<td>2.5 mm</td>
</tr>
<tr>
<td>S/N Ratio</td>
<td>Greater than 48 dB</td>
</tr>
<tr>
<td>Filter</td>
<td>Mechanical dual-window IR-Pass / IR-Cut</td>
</tr>
<tr>
<td>Video Output</td>
<td>1 Vpp, 75 ohm</td>
</tr>
<tr>
<td>Gamma</td>
<td>0.45</td>
</tr>
<tr>
<td>Gain Control</td>
<td>AGC</td>
</tr>
<tr>
<td>Electronics Iris</td>
<td>1/60 to 1/100,000 (NTSC)</td>
</tr>
<tr>
<td></td>
<td>1/50 to 1/100,000 (PAL)</td>
</tr>
<tr>
<td>LED Type</td>
<td>850 nm or 940 nm, Black Diamond technology, intensity adjustable</td>
</tr>
<tr>
<td>Number of LEDs</td>
<td>84</td>
</tr>
<tr>
<td>Day/Night Switching</td>
<td>Automatic photocell-control, sensitivity adjustable</td>
</tr>
<tr>
<td>Voltage Supply</td>
<td>12 to 24 VAC/VDC</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>900 mA at 12 VDC max</td>
</tr>
<tr>
<td>Voltage Regulation</td>
<td>Dual VRB design for enhanced electronic stability</td>
</tr>
</tbody>
</table>

### Installation/configuration notes

![Diagram of sensor dimensions]

224 mm
131 mm
155 mm
70 mm
35 mm
68 mm

### Ordering information

**EX36MNX802W-N Corner-mount Camera**
1/3 in. extended day/night, 540/540 TVL, 850 nm IR, NTSC
Order number **EX36MNX802W-N**

**EX36MNX902W-N Corner-mount Camera**
1/3 in. extended day/night, 540/540 TVL, 940 nm IR, NTSC
Order number **EX36MNX902W-N**

**EX36MNX802WM-N Corner-mount No-grip Camera**
1/3 in. extended day/night, 540/540TVL, 850 nm IR, NTSC, microphone
Order number **EX36MNX802WM-N**

**EX36MNX902WM-N Corner-mount No-grip Camera**
1/3 in. extended day/night, 540/540TVL, 940 nm IR, NTSC, microphone
Order number **EX36MNX902WM-N**

**EX36MNX802WM-P Corner-mount No-grip Camera**
1/3 in. extended day/night, 540/540TVL, 850 nm IR, PAL, microphone
Order number **EX36MNX802WM-P**

**EX36MNX902WM-P Corner-mount No-grip Camera**
1/3 in. extended day/night, 540/540TVL, 940 nm IR, PAL, microphone
Order number **EX36MNX902WM-P**

**Construction**
Painted steel with flush removable front panel and tamper-resistant screws

**Dimensions**
224 x 134 x 155 mm (W x H x D)
8.8 x 5.3 x 6.1 in (W x H x D)

**Weight**
1.2 kg (2.6lb)

**Temperature Range Operation**
-50 °C to +50 °C (-58 °F to 122 °F)

**Microphone Frequency Response**
20 Hz to 10 kHz

**Microphone Sensitivity**
68 dB +/-3 dB

**Microphone Output**
3.2 Vpp / 750 Ohm; bare leads

**Window**
1/4 in thick LEXAN

**Microphone**
Frequency Response
20 Hz to 10 kHz

**Microphone Sensitivity**
68 dB +/-3 dB

**Microphone Output**
3.2 Vpp / 750 Ohm; bare leads
Accessories

**UPA-2430-60 Power Supply**
120 VAC, 60 Hz, 24 VAC, 30 VA Out
Order number UPA-2430-60

**UPA-2420-50 Power Supply**
220 VAC, 50 Hz, 24 VAC, 20 VA Out
Order number UPA-2420-50

**PSU-124-DC050 Universal Power Supply**
Universal Outdoor Power Supply, 120 to 240 VAC, 50/60 Hz In; 24 VDC, 50 W Out
Order number PSU-124-DC050

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