MiniLine Indoor Series Domes

The MLP Series Mini-Domes consist of a 1/4-inch CCD camera and lens combination in a small, discrete dome housing. Available options for this line include standard and high-resolution color and monochrome cameras with a variety of fixed and varifocal lenses. All models also offer backlight compensation.

These compact Mini Domes come ready to use and easily mount to ceilings and walls and are configured for use with a single gang electrical box if desired. For recessed mounting, an optional mounting kit (MLR) is available.

Enhanced picture quality, true color reproduction and outstanding reliability make these domed cameras an excellent choice for professional, commercial, and industrial surveillance systems in indoor applications.
O R D E R I N G  G U I D E

Order the camera that meets your needs. Start with the product category, then specify your power requirements. Select from the options available to complete your custom camera. If you need further customization - call the factory with your exact specification requirements.

EXAMPLE: MLP1CH26N

<table>
<thead>
<tr>
<th>category</th>
<th>power</th>
<th>mono/color</th>
<th>resolution</th>
<th>lens range</th>
<th>video out</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLP</td>
<td>I</td>
<td>C</td>
<td>H</td>
<td>26</td>
<td>N</td>
</tr>
</tbody>
</table>

**MiniLine Plastic**

1 - 24V/50Hz
2 - 24V/60Hz

**Option**

-MS
-MH
-CS
-CH

**Camera Specifications**

<table>
<thead>
<tr>
<th>Option</th>
<th>monochrome</th>
<th>color</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>-MS</td>
<td>-MH</td>
</tr>
<tr>
<td></td>
<td>-CS</td>
<td>-CH</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Horizontal Resolution</th>
<th>380 TVL</th>
<th>570 TVL</th>
<th>330 TVL</th>
<th>480 TVL</th>
</tr>
</thead>
</table>

- Voltage Range
  -1 fixed lens 12-24 VAC or 12-36 VDC, 50 Hz
  varifocal lens 21-27 V AC or 11-13 VDC, 50 Hz
  -2 fixed lens 12-24 VAC or 12-36 VDC, 60 Hz
  varifocal lens 21-27 V AC or 11-13 VDC, 60 Hz

- Power
  3W

- Sensitivity
  minimum scene illumination
  f/1.2 lens, 50 IRE
  fixed lens 0.2 lux
  varifocal lens 0.12 lux
  fixed lens 1.6 lux
  varifocal lens 1.2 lux

- Imager
  1/4-inch Image Format; Interline Transfer CCD

- System
  -1 CCIR
  -2 EIA

- Signal to Noise
  48dB

- Electronic Shutter
  1/50 (1/60 EIA) to 1/100,000

- Backlight Compensation
  Selectable On/Off Control

- White Balance
  N/A
  Automatic Sensing through the Lens (TTL System): +2700 K to 9000 K.

- Video Output
  Composite; 1.0 Vp-p, 75ohm

- Synchronization
  AC Line-lock: (AC supplied)
  DC Crystal-lock: (DC supplied or Line-Lock off)

- Phase Adjust
  0° to 330°

- Connector
  Video BNC
  Power In-line push wire connectors

- Controls
  Fixed
  Iris - DL/AE
  ACG - on/off
  BLC - on/off
  Sync mode - INT/L.L.
  Iris - DL/AES
  Flickerless - on/off
  BLC - on/off
  Sync mode - INT/L.L.

- Options
  -N Includes unshielded twisted pair transmitter compatible with NVT receivers.
  Permits video transmission of up to 1000 ft when passive receiver is used & 3000 ft when active receiver is used.
### Lens Specifications

<table>
<thead>
<tr>
<th>OPTION</th>
<th>Focal Range</th>
<th>Iris Range</th>
<th>Iris/Shutter</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2</td>
<td>2.1mm</td>
<td>f/2.0</td>
<td>Electronic Shutter</td>
<td>1/4-inch</td>
</tr>
<tr>
<td>-3</td>
<td>3mm</td>
<td>f/1.6 - 200</td>
<td>DC Auto Iris</td>
<td>1/3-inch</td>
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<tr>
<td>-6</td>
<td>6mm</td>
<td>f/1.0 - 25</td>
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<td></td>
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<tr>
<td>-8</td>
<td>8mm</td>
<td>f/1.0 - 25</td>
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<td></td>
</tr>
<tr>
<td>-24</td>
<td>2-4mm</td>
<td>f/1.6 - 200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-26</td>
<td>2.6-6mm</td>
<td>f/1.2 - 360</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-36</td>
<td>3-6mm</td>
<td>f/1.2 - 360</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-210</td>
<td>2.8-10mm</td>
<td>f/1.2 - 360</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Mechanical Specifications

- **Housing**: Acrylic dome (with light tint) on molded plastic housing.
- **Construction**: White
- **Finish**: White
- **Weight**: 0.9 lb (0.4 kg)
- **Cable Entry**: Push Wire Connectors
- **Mounting**: Surface Mount. Mounts on wall or ceiling. (Recessed mounting kit available, MLR)

### Environmental

- **Rated for Indoor Use only**

- **Temperature**
  - Operating: +14 °F to +122 °F (-10 °C to +50 °C)
  - Storage: -4 °F to +122 °F (-20 °C to +50 °C)

- **Humidity**: 0% to 90% relative, noncondensing.

### Electromagnetic Compatibility

- **EMC**: CE Immunity, CE Emission Class A, CD Immunity, FCC Class A.
- **Safety**: CE, UL, cUL

### Accessories: MLR

Mounting Kit for recessed mounting. (See drawing.)

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### MLP Series Dimensional Drawing

![MLP Series Dimensional Drawing](image-url)
MLR - Recessed Mounting Kit Accessory

Trim Ring

MiniLine Dome

Adapter Plate

Wall or ceiling surface

Ø 7-1/2
Allow clearance for trim ring

Up if wall mounted

Horizontal if wall mounted

Center-to-center for trim ring screw holes

6.0