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50mm MegaPixel Fixed Focal Length Lens



MegaPixel Fixed Focal Length Lenses

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⊖ 1 ⊕ **S\$465⁰⁰**

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General

Product Family:
MegaPixel Fixed Focal Length Lenses

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:
Variable

Length (mm):
38.10

| | |
|-------|-------------------------------|
| 33.50 | Maximum Diameter (mm): |
| 33.5 | Outer Diameter (mm): |
| 85.00 | Weight (g): |
| 0.90 | Maximum Rear Protrusion (mm): |

Optical Properties

| | |
|--------------|--|
| 63.00 | Field of View @ Min Working Distance (mm): |
| 7.60° | Horizontal Field of View, 1/2" Sensor: |
| 11.00 | Maximum Image Circle (mm): |
| 50.00 | Focal Length FL (mm): |
| 500 - ∞ | Working Distance (mm): |
| f/1.8 - f/16 | Aperture (f/#): |
| -0.3 | Maximum Distortion (%): |
| VIS | Lens Wavelength Range: |

Sensor

| | |
|------|------------------------|
| 2/3" | Maximum Sensor Format: |
| 6.20 | Pixel Size (µm): |

Threading & Mounting

| | |
|--------------|----------------|
| M30.5 x 0.50 | Filter Thread: |
| C-Mount | Mount: |

Regulatory Compliance

| | |
|------------------|-----------------------------|
| Exempt | RoHS 2015: |
| Contains SVHC(s) | Reach 224: |
| View | Certificate of Conformance: |

Product Details

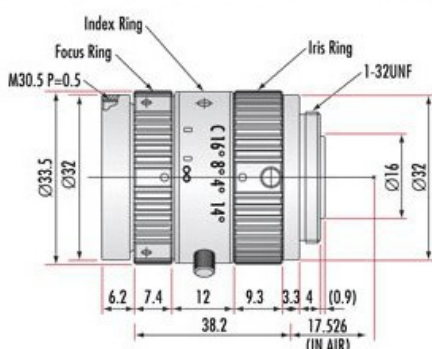
- Up to 2/3", C-Mount Lens
- Ideal for Machine Vision at an Economical Price
- 5mm to 75mm Focal Length

MegaPixel Fixed Focal Length Lenses are designed for high-resolution imaging. The lenses are ideal for machine vision applications with demanding space constraints. These lenses complement the resolution of many MegaPixel cameras with 1/2" or 2/3" formats. Low distortion and high resolution enable these economically priced lenses to produce sharp, high-contrast images compared to standard CCTV and compact lenses. MegaPixel Fixed Focal Length Lenses are available in focal lengths ranging from 5 to 75mm. Locking screws for the manual iris and focus allow these lenses to be used in high-vibration environments. Typical applications include [factory automation](#), inspection, and macro work.

Note: For #64-869 75mm FL Lens, remove focus limit screw to focus past 1.2m.

Technical Information

#56-790 50mm Megapixel Fixed Focal Length Lens



(Units in mm)

