

## 8mm MegaPixel Fixed Focal Length Lens



MegaPixel Fixed Focal Length Lenses

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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):**  
28.20

|       |                               |
|-------|-------------------------------|
| 33.50 | Maximum Diameter (mm):        |
| 33.5  | Outer Diameter (mm):          |
| 63.00 | Weight (g):                   |
| 0.60  | Maximum Rear Protrusion (mm): |

## Optical Properties

|              |  |
|--------------|--|
| 87.00        | Field of View @ Min Working Distance (mm): |
| 42.50°       | Horizontal Field of View, 1/2" Sensor:     |
| 11.00        | Maximum Image Circle (mm):                 |
| 8.00         | Focal Length FL (mm):                      |
| 100 - ∞      | Working Distance (mm):                     |
| f/1.4 - f/16 | Aperture (f/#):                            |
| -0.1         | 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

|                                  |                             |
|----------------------------------|-----------------------------|
| <a href="#">Exempt</a>           | RoHS 2015:                  |
| <a href="#">Contains SVHC(s)</a> | Reach 224:                  |
| <a href="#">View</a>             | 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

### #56-786 8mm Megapixel Fixed Focal Length Lens



