

# 8mm MegaPixel Fixed Focal Length Lens



MegaPixel Fixed Focal Length Lenses

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£266<sup>00</sup>

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General

MegaPixel Fixed Focal Length Lenses

Series:

Fixed Focal Length Lens

Type:

Physical & Mechanical Properties

Variable

Iris Option:

|       |                               |
|-------|-------------------------------|
| 28.20 | Length (mm):                  |
| 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 x0.50          | 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

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



