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## 50mm 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):**  
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 (%):
VS	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

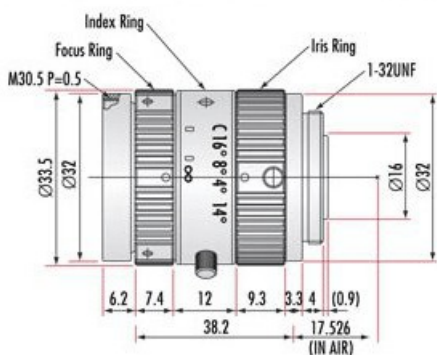
- Up to 2/3", C-Mount Lens
- Ideal for Machine Vision at an Economical Price
- 5mm to 75mm Focal Length

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

### #56-790 50mm Megapixel Fixed Focal Length Lens



(Units in mm)

