

# 8mm Focal Length Lens, 1.1" Sensor Format



Compact Fixed Focal Length Lenses for 1.1" Sensors

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C\$1,778<sup>00</sup>

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General

|                                        |         |
|----------------------------------------|---------|
| Compact 1.1" Fixed Focal Length Lenses | Series: |
| Fixed Focal Length Lens                | Type:   |

Physical & Mechanical Properties

|          |              |
|----------|--------------|
| Variable | Iris Option: |
| 53.20    | Length (mm): |

|       |                        |
|-------|------------------------|
| 57.5  | Maximum Diameter (mm): |
| 57.5  | Outer Diameter (mm):   |
| 157.4 | Weight (g):            |

Optical Properties

|              |                                               |
|--------------|-----------------------------------------------|
| 83.0°        | Horizontal Field of View @ Max Sensor Format: |
| 83.0°        | Horizontal Field of View, 1.1" Sensor:        |
| 17.60        | Maximum Image Circle (mm):                    |
| 8.00         | Focal Length FL (mm):                         |
| 200 - ∞      | Working Distance (mm):                        |
| f/2.8 - f/16 | Aperture (f/#):                               |
| -0.6         | Distortion (%):                               |
| -0.6         | Maximum Distortion (%):                       |
| VS           | Lens Wavelength Range:                        |

Sensor

|      |                        |
|------|------------------------|
| 1.1" | Maximum Sensor Format: |
| 3.45 | Pixel Size (µm):       |

Threading & Mounting

|         |                |
|---------|----------------|
| N/A     | Filter Thread: |
| C-Mount | Mount:         |

Regulatory Compliance

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

## Product Details

- 1.1" Sensor, C-mount Lens
- Compact Size and Lightweight
- 8mm to 50mm Focal Length

Compact Fixed Focal Length Lenses for 1.1" Sensors are designed for 1.1" format camera sensors with a 17mm diameter image circle. Their f/2.8 designs allow for small, compact sizes ideal for space constrained applications. These lenses are lightweight and available in a range of focal lengths from 8mm to 50mm. Compact Fixed Focal Length Lenses for 1.1" Sensors feature standard C-Mount lens mounts with both locking iris and locking focus for integration into industrial machine vision applications.