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## 8mm Focal Length Lens, 1.1" Sensor Format



Compact Fixed Focal Length Lenses for 1.1" Sensors

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### General

**Product Family:**  
Compact 1.1" Fixed Focal Length Lenses

**Type:**  
Fixed Focal Length Lens

### Physical & Mechanical Properties

**Iris Option:**  
Variable

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

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