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50mm Focal Length Lens, 1.1" Sensor Format



Compact Fixed Focal Length Lenses for 1.1" Sensors

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⊖ 1 ⊕ C\$1,603⁰⁰

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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

Length (mm):
45.20

39.5	Maximum Diameter (mm):
39.5	Outer Diameter (mm):
107.0	Weight (g):

Optical Properties

16.2°	Horizontal Field of View @ Max Sensor Format:
16.2°	Horizontal Field of View, 1.1" Sensor:
17.60	Maximum Image Circle (mm):
50.00	Focal Length FL (mm):
500 - ∞	Working Distance (mm):
f/2.8 - f/16	Aperture (f/#):
0.1	Distortion (%):
0.1	Maximum Distortion (%):
VS	Lens Wavelength Range:

Sensor

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

Threading & Mounting

M34 x 0.50	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.