

12mm Focal Length Lens, 1.1" Sensor Format



Compact Fixed Focal Length Lenses for 1.1" Sensors

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€1.031⁰⁰

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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

36.10	Length (mm):
42.0	Maximum Diameter (mm):
42	Outer Diameter (mm):

98.3	Weight (g):
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Optical Properties

60.5°	Horizontal Field of View @ Max Sensor Format:
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60.5°	Horizontal Field of View, 1.1" Sensor:
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17.60	Maximum Image Circle (mm):
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12.00	Focal Length FL (mm):
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300 - ∞	Working Distance (mm):
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f/2.8 - f/16	Aperture (f/#):
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-0.5	Distortion (%):
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-0.5	Maximum Distortion (%):
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VS	Lens Wavelength Range:
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Sensor

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

M40.5 x0.50	Filter Thread:
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C-Mount	Mount:
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Regulatory Compliance

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