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75mm Focal Length Lens, 1" Sensor Format



75mm Focal Length Lens, 1" Sensor Format, #63-249

Stock **#63-249** **5 In Stock**

⊖ 1 ⊕ €761⁰⁰

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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Product Family:
1" Format Fixed Focal Length Lenses

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:
Variable

Length (mm):

57.00

48.0 **Maximum Diameter (mm):**

48 **Outer Diameter (mm):**

180 **Weight (g):**

Optical Properties

9.7° **Horizontal Field of View, 1" Sensor:**

16.00 **Maximum Image Circle (mm):**

<-0.2 **TV Distortion (%):**

75.00 **Focal Length FL (mm):**

1,000 - ∞ **Working Distance (mm):**

f/1.8 - f/16 **Aperture (f#):**

<-0.2% **Maximum Distortion (%):**

VIS **Lens Wavelength Range:**

Sensor

1" **Maximum Sensor Format:**

5.00 **Pixel Size (µm):**

Threading & Mounting

M46 x 0.75 **Filter Thread:**

C-Mount **Mount:**

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Contains SVHC\(s\)](#) **REACH 241:**

Product Details

- Up to 1", C-Mount Lens
- "Fast" Lenses for Increased Throughput
- 4.7mm to 75mm Focal Length

1" Format Fixed Focal Length Lenses provide high throughput and high resolution across the entire camera sensor, allowing for excellent imaging even in less-than-ideal lighting conditions. Offered in 9 focal lengths from 4.7mm to 75mm, this complete family covers many of the applications in the market today. Engineered to minimize distortion, these lenses provide a perfect image for a human operator or an automated system. 1" Format Fixed Focal Length Lenses also feature a standard C-Mount lens mount for easy integration with the most common machine vision [cameras](#) we offer. All lenses feature front filter threading to attach to your choice of [optical filter](#).