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## 16mm Focal Length Lens, 1" Sensor Format



16mm Focal Length Lens, 1" Sensor Format, #63-245

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⊖ 1 ⊕ **S\$1,242<sup>00</sup>**

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### Volume Pricing

Qty 1+	<b>S\$1,242.00</b> each
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### General

**Product Family:**  
1" Format Fixed Focal Length Lenses

**Type:**  
Fixed Focal Length Lens

### Physical & Mechanical Properties

**Iris Option:**  
Variable

**Length (mm):**  
52.90

42.0	<b>Maximum Diameter (mm):</b>
42	<b>Outer Diameter (mm):</b>
140	<b>Weight (g):</b>

## Optical Properties

44.3°	<b>Horizontal Field of View, 1" Sensor:</b>
16.00	<b>Maximum Image Circle (mm):</b>
<1.0	<b>TV Distortion (%):</b>
16.00	<b>Focal Length FL (mm):</b>
300 - ∞	<b>Working Distance (mm):</b>
f/1.4 - f/16	<b>Aperture (f/#):</b>
< -1.0%	<b>Maximum Distortion (%):</b>
VS	<b>Lens Wavelength Range:</b>

## Sensor

1"	<b>Maximum Sensor Format:</b>
5.00	<b>Pixel Size (µm):</b>

## Threading & Mounting

M35.5 x 0.50	<b>Filter Thread:</b>
C-Mount	<b>Mount:</b>

## Regulatory Compliance

<a href="#">Exempt</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Contains SVHC(s)</a>	<b>REACH 241:</b>

## 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](#).