

3.5mm FL Wide Angle Low Distortion Lens



#68-669

Stock **#68-669** 20+ In Stock

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1

+

C\$1,368⁵⁰

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SPECIFICATIONS

General

Low Distortion Wide Angle Lenses

Series:

Fixed Focal Length Lens

Type:

Physical & Mechanical Properties

	Iris Option:
Fixed	
	Length (mm):
38.20	
	Maximum Diameter (mm):
42.0	
	Outer Diameter (mm):
42	

	Weight (g):
75.00	

Optical Properties

	Field of View @ Min Working Distance (mm):
180.00	
	Horizontal Field of View, 1/2" Sensor:
82.4°	
	Horizontal Field of View, 1/3" Sensor:
66.9°	
	Maximum Image Circle (mm):
8.00	
	Focal Length FL (mm):
3.50	
	Working Distance (mm):
100 - ∞	
	Aperture (f/#):
f/2.4	
	Distortion (%):
<0.4	
	Maximum Distortion (%):
<0.4	
	Lens Wavelength Range:
VIS	

Sensor

	Maximum Sensor Format:
1/2"	
	Pixel Size (µm):
4.50	

Threading & Mounting

	Filter Thread:
M40.5 x 0.50	
	Mount:
C-Mbunt	

Regulatory Compliance

	Certificate of Conformance:
View	

PRODUCT DETAILS

- Up to 1/2.5", C-Mount and CS-Mbunt options
- Up to 3 MegaPixel and Down to 1% Distortion
- No Refocusing from 100mm to Infinity
- 1.28mm to 40mm Focal Length

Low Distortion Wide Angle Lenses maintain high resolution for applications with long working distance requirements and can accommodate multi-megapixel camera sensors. The optical design of these low-distortion wide-angle lenses enables users to achieve less than 3% distortion over a 125° field of view, or less than 1% distortion over a 110° field of view. These lenses feature a locking screw for the manual iris enabling the use in high vibration environments. Low Distortion Wide Angle Lenses are ideal for security and surveillance, machine vision, or [factory automation](#) applications. These lenses do not require refocusing from 100mm to Infinity.

Note: Image will be flipped (180° rotation). Auto Iris Options require cameras with P-Iris or DC Iris control.