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12mm LensConnect BH Series Fixed Focal Length Lens

Computar Motorized LensConnect Fixed Focal Length Lenses

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General

Product Family:
Computar Motorized LensConnect

Model Number:
DL1224UC-MPY

Type:
Fixed Focal Length Lens

Special Type of Lens:
Motorized

Physical & Mechanical Properties

Iris Option:
Motorized

Length (mm):
57.90

Outer Diameter (mm):
59.5

Weight (g):
163

Dimensions (mm):
59.5 x 57.9

Optical Properties

Horizontal Field of View, 1.1" Sensor:
50.5° x 38.1° (D 60.2°)

Maximum Image Circle (mm):
14.00

Focal Length FL (mm):
12.00

Working Distance (mm):
100 - ∞

Aperture (f/#):
f/2.4 - f/16

Maximum Distortion (%):
-0.1

Lens Wavelength Range:
VIS

Sensor

Maximum Sensor Format:
1/1.1"

Resolution (Megapixels):
12.00

Pixel Size (µm):
3.45

Hardware & Interface Connectivity

Control Interface:
USB2.0 TypeA

Length of Cable (mm):
300 ±20

Threading & Mounting

Filter Thread:
M35.5 x 0.50

Mount:
C-Mount

Regulatory Compliance

Certificate of Conformance:
View

Product Details

- Focus and Iris Controlled via Simple USB Interface
- 12 MegaPixels, 1/1.1”, C-Mount
- Focal Lengths Ranging from 8mm – 50mm
- **Variable Focal Length Option** Available

Computar Motorized LensConnect Fixed Focal Length Lenses are designed for remote focus and iris adjustment with a plug-and-play Windows or Linux compatible software. An integrated USB2.0 TypeA connector enables control and provides power to these lenses which are available in focal lengths of 8mm, 12mm, 16mm, 25mm, 35mm, and 50mm. Computar Motorized LensConnect Fixed Focal Length Lenses deliver high resolution for 12MP sensors, and the stepper motors enable precise focus control and high repeatability. These lenses are idea for machine vision, inspection, and space constrained applications where manual adjustments are not possible.

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