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12mm LensConnect BH Series Fixed Focal Length Lens



Computar Motorized LensConnect Fixed Focal Length Lenses

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General

Computar Motorized LensConnect **Series:**

DL1224UC-MPY **Model Number:**

Fixed Focal Length Lens **Type:**

Motorized **Special Type of Lens:**

Physical & Mechanical Properties

Motorized	Iris Option:
57.90	Length (mm):
59.5	Outer Diameter (mm):
163	Weight (g):
59.5 x 57.9	Dimensions (mm):

Optical Properties

50.5° x 38.1° (D 60.2°)	Horizontal Field of View, 1.1" Sensor:
14.00	Maximum Image Circle (mm):
12.00	Focal Length FL (mm):
100 - ∞	Working Distance (mm):
f/2.4 - f/16	Aperture (f/#):
-0.1	Maximum Distortion (%):
VIS	Lens Wavelength Range:

Sensor

1/1.1"	Maximum Sensor Format:
12.00	Resolution (Megapixels):
3.45	Pixel Size (µm):

Hardware & Interface Connectivity

USB2.0 TypeA	Control Interface:
300 ±20	Length of Cable (mm):

Threading & Mounting

M35.5 x 0.50	Filter Thread:
C-Mount	Mount:

Regulatory Compliance

View	Certificate of Conformance:
China	Country of Origin:
Edmund Optics India Private Limited	Imported By:

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

Computer 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. Computer 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.