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## 8mm LensConnect BH Series Fixed Focal Length Lens



Computar Motorized LensConnect Fixed Focal Length Lenses

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### Product Downloads

#### General

Product Family:  
Computar Motorized LensConnect

Model Number:  
DL0828UC-MPY

Type:  
Fixed Focal Length Lens

Special Type of Lens:  
Motorized

#### Physical & Mechanical Properties

|             |                             |
|-------------|-----------------------------|
| Motorized   | <b>Iris Option:</b>         |
| 63.30       | <b>Length (mm):</b>         |
| 59.5        | <b>Outer Diameter (mm):</b> |
| 178         | <b>Weight (g):</b>          |
| 59.5 x 63.3 | <b>Dimensions (mm):</b>     |

## Optical Properties

|                         |   |
|-------------------------|---|
| 69.4° x 53.8° (D 80.4°) | <b>Horizontal Field of View, 1.1" Sensor:</b> |
| 14.00                   | <b>Maximum Image Circle (mm):</b>             |
| 8.00                    | <b>Focal Length FL (mm):</b>                  |
| 100 - ∞                 | <b>Working Distance (mm):</b>                 |
| f/2.8 - f/16            | <b>Aperture (f/#):</b>                        |
| 0                       | <b>Maximum Distortion (%):</b>                |
| VS                      | <b>Lens Wavelength Range:</b>                 |

## Sensor

|        |                                 |
|--------|---------------------------------|
| 1/1.1" | <b>Maximum Sensor Format:</b>   |
| 12.00  | <b>Resolution (Megapixels):</b> |
| 3.45   | <b>Pixel Size (µm):</b>         |

## Hardware & Interface Connectivity

|              |                              |
|--------------|------------------------------|
| USB2.0 TypeA | <b>Control Interface:</b>    |
| 300 ±20      | <b>Length of Cable (mm):</b> |

## Threading & Mounting

|              |                       |
|--------------|-----------------------|
| M52.0 x 0.75 | <b>Filter Thread:</b> |
| C-Mount      | <b>Mount:</b>         |

## Regulatory Compliance

|                      |                                    |
|----------------------|------------------------------------|
| <a href="#">View</a> | <b>Certificate of Conformance:</b> |
|----------------------|------------------------------------|

## 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 ideal for machine vision, inspection, and space constrained applications where manual adjustments are not possible.