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## 8mm LensConnect BH Series Fixed Focal Length Lens



Computer Motorized LensConnect Fixed Focal Length Lenses

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### General

Product Family:  
Computer Motorized LensConnect

Model Number:  
DL0828UC-MPY

Type:  
Fixed Focal Length Lens

Special Type of Lens:  
Motorized

## Physical & Mechanical Properties

Motorized **Iris Option:**

63.30 **Length (mm):**

59.5 **Outer Diameter (mm):**

178 **Weight (g):**

59.5 x 63.3 **Dimensions (mm):**

## Optical Properties

**Horizontal Field of View, 1.1" Sensor:**  
69.4° x 53.8° (D 80.4°)

14.00 **Maximum Image Circle (mm):**

8.00 **Focal Length FL (mm):**

100 - ∞ **Working Distance (mm):**

f/2.8 - f/16 **Aperture (f/#):**

0 **Maximum Distortion (%):**

VS **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

M52.0 x 0.75 **Filter Thread:**

C-Mount **Mount:**

## Regulatory Compliance

[View](#) **Certificate of Conformance:**

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