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## 16 - 96mm LensConnect BH Series Variable Focal Length Lens



Computer Motorized LensConnect Variable Focal Length Lenses

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### Product Downloads

#### General

VL6Z1626UC-MPYR **Model Number:**

Varifocal Lens **Type:**

#### Physical & Mechanical Properties

Motorized **Iris Option:**

**Weight (g):**

## Optical Properties

**Horizontal Field of View, 1.1" Sensor:**  
Wide 48.1° x 8.5° (D 58.9°); Tele 8.5° x 6.3° (D 10.4°)

**Focal Length Range (mm):**  
16-96

**Working Distance (mm):**  
3000 - ∞

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

**Lens Wavelength Range:**  
VIS

## Sensor

**Maximum Sensor Format:**  
1.1"

**Resolution (Megapixels):**  
12.00

## Hardware & Interface Connectivity

**Control Interface:**  
USB2.0 TypeA

**Length of Cable (mm):**  
300 ±20

## Threading & Mounting

**Filter Thread:**  
M67.0 x 0.75

**Mount:**  
C-Mount

## Regulatory Compliance

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

## Product Details

- Focus, Iris, and Zoom Controlled via Simple USB Interface
- 5 MegaPixels, 1/1.8", CS-Mount or 12 MegaPixels, 1.1", C-Mount
- 4 – 10mm, 9 – 50mm, or 16 – 96mm Variable Focal Lengths Available
- [Fixed Focal Length Options](#) Available

Computer Motorized LensConnect Variable Focal Length Lenses are designed for remote focus, iris and zoom 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 variable focal lengths of 4 - 10mm, 9 - 50mm, or 16 – 96mm. Computer Motorized LensConnect Variable Focal Length Lenses deliver high resolution for 5MP or 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.