

4 - 10mm LensConnect BH Series Variable Focal Length Lens



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1

+

€941⁰⁰

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Product Downloads

General	
EL3Z0416UCS-MPWIR	Model Number:
Varifocal Lens	Type:

Physical & Mechanical Properties	
Motorized	Iris Option:
	Weight (g):

Optical Properties

Horizontal Field of View, 1/1.8" Sensor:
Wide 115.9° x46.0° (D 138.1°); Tele 46.0° x25.8° (D 52.9°)

Focal Length Range (mm):
4-10

Working Distance (mm):
200 - ∞

Aperture (f/#):
f/1.5 - f/16

Lens Wavelength Range:
VIS

Sensor

Maximum Sensor Format:
1/1.8"

Resolution (Megapixels):
5.00

Hardware & Interface Connectivity

Control Interface:
USB2.0 TypeA

Length of Cable (mm):
300 ±20

Threading & Mounting

Filter Thread:
M55.0 x0.75

Mount:
CS-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

Computar 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. Computar 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.