

9 - 40mm FL, CS-Mount, Manual Iris, Wide Angle Lens



Stock #22-797 **1 In Stock**

1 **£311^{.00}**

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[EO Spec Sheet](#)

Image represents #22-793: Design will vary by stock number.

Volume Pricing	
Qty 1+	£311.00 each
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Prices shown are exclusive of VAT/local taxes

General

Product Family: Low Distortion Wide Angle Lenses

Type: Varifocal Lens

Physical & Mechanical Properties

Iris Option: Variable

Length (mm): 49.00

Maximum Diameter (mm): 55

Outer Diameter (mm): 55

Weight (g): 63

Optical Properties

Horizontal Field of View @ Max Sensor Format: 39- 9.2°

Horizontal Field of View, 1/3" Sensor: 30 - 7.1°

Maximum Image Circle (mm): 7.70

Focal Length FL (mm): 9.00

Working Distance (mm): 300 - ∞

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

Lens Wavelength Range: VIS

Sensor

Maximum Sensor Format: 1/2.3"

Pixel Size (µm): 4.50

Threading & Mounting

Filter Thread: N/A

Mount: CS-Mount

Regulatory Compliance

Product Details

- Up to 1/2.5", C-Mount and CS-Mount options
- Up to 3 MegaPixel and Down to 1% Distortion
- No Refocusing from 100mm to Infinity
- 1.28mm to 40mm Focal Length

Low Distortion Wide Angle Lenses maintain high resolution for applications with long working distance requirements and can accommodate multi-megapixel camera sensors. The optical design of these low-distortion wide-angle lenses enables users to achieve less than 3% distortion over a 125° field of view, or less than 1% distortion over a 110° field of view. These lenses feature a locking screw for the manual iris enabling the use in high vibration environments. Low Distortion Wide Angle Lenses are ideal for security and surveillance, machine vision, or [factory automation](#) applications. These lenses do not require refocusing from 100mm to Infinity.

Note: Image will be flipped (180° rotation). Auto Iris Options require cameras with P-Iris or DC Iris control.

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	High Performance Aluminum Filter Mount		#22-829	£78.00 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	65mm x 46mm x 10mm Motorized Lens Controller		#22-830	£803.00 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	60mm x 25mm x 6mm Motorized Lens Controller		#22-831	£771.00 Request Quote	1 In Stock <input type="text" value="1"/>
MORE+	86mm x 46mm x 14mm Motorized Lens Controller		#22-832	£814.00 Request Quote	1 In Stock <input type="text" value="1"/>

Frequently Purchased Together



#12-747 - BFS-U3-23S3M-C USB 3.1 Blackfly® S, Monochrome Camera
£336.80



#12-748 - BFS-U3-23S3C-C USB 3.1 Blackfly® S, Color Camera
£336.80



#22-805 - 12-50mm FL CS-Mount, Manual Iris, IR Corrected Lens
£440.00

Resources

Media Type

- Application Note
- Video

APPLICATION NOTE
Anti-Reflection (AR) Coatings

APPLICATION NOTE
An Introduction to Optical Coatings

VIDEO
Wavelength and f#

Published Article

FAQ

Glossary

Technical Tool



APPLICATION NOTE

Understanding Focal Length and Field of View

APPLICATION NOTE

Introduction to Modulation Transfer Function

WEBINARS

Choosing the Right Machine Vision Lens

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