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2/3", 35mm, F1.4, C-mount, ViSWIR Singleband



Computer ViSWIR Lite Lenses

Stock #74-620 **NEW** 1 In Stock

MRP ₹87,463

i Price inclusive of all taxes

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General

Computer ViSWIR Lite Lenses **Product Family:**

M3514-VSW **Model Number:**

Fixed Focal Length SWIR Lens **Imaging Lens Type:**

Physical & Mechanical Properties

Variable **Iris Option:**

| | |
|-------|-------------------------------|
| 38.20 | Length (mm): |
| 44.5 | Maximum Diameter (mm): |
| 32.00 | Outer Diameter (mm): |
| 87.0 | Weight (g): |
| 7.30 | Maximum Rear Protrusion (mm): |
| 38.2 | Maximum Length (mm): |

Optical Properties

| | |
|---|---|
| 13.9° | Horizontal Field of View @ Max Sensor Format: |
| 10.7° (H6.4) | Horizontal Field of View, 1/2" Sensor: |
| 5.4° (H3.2) | Horizontal Field of View, 1/4" Sensor: |
| 11.00 | Maximum Image Circle (mm): |
| 400 - 1700 | Wavelength Range (nm): |
| 35.00 | Focal Length FL (mm): |
| 300 - ∞ | Working Distance (mm): |
| Horizontal: 13.9° Vertical: 10.4° Diagonal: 17.3° | FOV @ Max Sensor Format, H x V (mm): |
| f/1.4 | Aperture (f/#): |
| 17.1 | Back Focal Length BFL (mm): |
| 37.28 | Entrance Pupil Position (mm): |
| 43.67 | Object Space Principal Plane (mm): |
| 33.98 | Image Space Principal Plane (mm): |
| -0.80 | Maximum Distortion (%): |
| -41.8483 | Exit Pupil Position (mm): |
| VIS-SWIR | Lens Wavelength Range: |
| VIS, SWIR | Wavelength: |

Sensor

| | |
|------|--------------------------|
| 2/3" | Optimized Sensor Format: |
| 2/3" | Maximum Sensor Format: |
| 1.50 | Resolution (Megapixels): |

Threading & Mounting

| | |
|--------------|----------------|
| M30.5 x 0.50 | Filter Thread: |
| C-Mount | Mount: |

Regulatory Compliance

| | |
|---|-----------------------------|
| View | Certificate of Conformance: |
| United States | Country of Origin: |
| Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 | Imported By: |

Product Details

- Outstanding Cost to Performance Ratio from the VIS to SWIR
- 1.5 MegaPixels, 1/2" or 2/3", C-Mount
- Focal Lengths Ranging from 5 - 50mm

Computar VISWIR Lite Lenses are compact lenses that deliver outstanding cost-performance for single-wavelength lighting and narrow-band imaging. Utilizing a multilayer coating that absorbs specific wavelengths to minimize adverse lighting effects, these lenses ensure precise imaging is achieved. The broadband anti-reflection coating offers high and stable transmission across a wide wavelength range from 400nm to 1,700nm. Computar VISWIR Lite Lenses are available in 1/2" and 2/3" sensor formats, an easily integratable C-mount design, and focal lengths that range from 5 to 50mm. These lenses are ideal for non-visible range imaging in applications across Agricultural, Medical, and Remote Sensing industries.

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