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10mm Standard Schneider Compact VIS-NIR Lens



Schneider Compact MS-NIR Lenses

Stock **#59-821** [CONTACT US](#)

⊖ 1 ⊕ MRP ₹2,75,817

● Price inclusive of all taxes

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General

Product Family:
Schneider Compact MS-NIR Lenses

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:
Variable

Length (mm):
46.10

| | |
|------|------------------------|
| 31.5 | Maximum Diameter (mm): |
| 37.3 | Outer Diameter (mm): |
| 180 | Weight (g): |

Optical Properties

| | |
|--------------|--|
| 60° | Horizontal Field of View, 1" Sensor: |
| 75.0° | Horizontal Field of View, 1/2" Sensor: |
| 16.00 | Maximum Image Circle (mm): |
| 10.00 | Focal Length FL (mm): |
| 92 - ∞ | Working Distance (mm): |
| f/1.9 - f/16 | Aperture (f/#): |
| <-2 | Distortion (%): |
| VIS-NIR | Lens Wavelength Range: |

Sensor

| | |
|------|------------------------|
| 1" | Maximum Sensor Format: |
| 3.45 | Pixel Size (µm): |

Threading & Mounting

| | |
|------------|----------------|
| M62 x 0.75 | Filter Thread: |
| C-Mount | Mount: |

Regulatory Compliance

| | |
|---|-----------------------------|
| Compliant | RoHS 2015: |
| View | Certificate of Conformance: |
| Compliant | Reach 233: |
| Germany | Country of Origin: |
| Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91- 80-6845 0000 | Imported By: |

Product Details

Lenses with M62 x 0.75 filter thread require [#59-825](#) filter thread adapter.

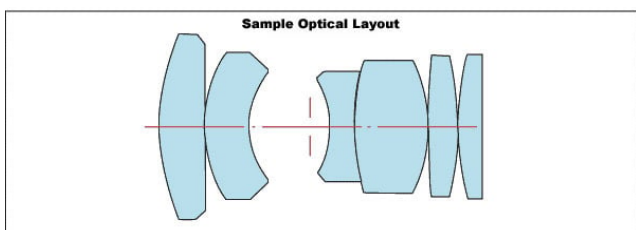
- Up to 4/3", C-Mount Lens
- Spectral Range of 400-1000nm with Color Corrected Options
- 4.8mm to 50mm Focal Length

Schneider's Standard VIS-NIR lenses can accommodate up to a 4/3" sensor (22mm image circle) but will need to be refocused when switching between VIS and NIR wavelengths.

This series of lenses features a robust mechanical design, lockable focus, lockable iris, and filter mount threads, making them ideal for typical industrial settings. The optical design is an excellent match for high pixel depth cameras. Their excellent optical performance over the entire working distance range corresponds perfectly to the capabilities of high resolution sensors.

Note: Lenses with M62 x 0.75 filter thread require [#59-825](#) filter thread adapter.

Technical Information





Typical Transmission



| Stock No. | A | B | C | D |
|-----------|--------|--------|--------|--------|
| #59-819 | 41.0mm | 6.3mm | 2.8mm | 37.3mm |
| #64-764 | 40.9mm | 3.75mm | 2.5mm | 31.5mm |
| #56-533 | 32.4mm | 5.1mm | 0.9mm | 31.5mm |
| #56-534 | 42.7mm | 5.8mm | 1.2mm | 31.5mm |
| #56-535 | 33.4mm | 4.3mm | 12.4mm | 31.5mm |
| #56-536 | 36.9mm | 3.8mm | 8.2mm | 31.5mm |
| #56-537 | 34.7mm | 3.8mm | 2.6mm | 31.5mm |
| #59-820 | 74.0mm | 3.8mm | 4.3mm | 42mm |

| Stock No. | A | B | C | D |
|-----------|--------|-------|-------|--------|
| #59-821 | 46.1mm | 4.1mm | 0.3mm | 37.3mm |
| #59-822 | 40.9mm | 3.8mm | 2.5mm | 31.5mm |
| #59-823 | 34.7mm | 3.8mm | 2.6mm | 31.5mm |
| #59-824 | 36.9mm | 3.8mm | 8.2mm | 31.5mm |

