

Schneider 100mm F-Mount Lens, Short WD



Stock #85-189 [CONTACT US](#)

⊖ 1 ⊕ €2.786⁰⁰

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Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1+ | €2.786,00 each |
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Product Family:
Schneider Large Format F-Mount VIS-NIR Lenses

Note:
Optimized Working Distance: 644 - 2046mm

Type:
Fixed Focal Length Lens

Physical & Mechanical Properties

Iris Option:
Variable

| | |
|--------|--------------------------------------|
| 93.70 | Length (mm): |
| 60.0 | Maximum Diameter (mm): |
| 60 | Outer Diameter (mm): |
| 463.00 | Weight (g): |
| 0.0 | Maximum Rear Protrusion (mm): |

Optical Properties

| | |
|-------------------------|---|
| 216.00 | Field of View @ Min Working Distance (mm): |
| 20.4° | Horizontal Field of View, 35mm Sensor: |
| 43.30 | Maximum Image Circle (mm): |
| 100.00 | Focal Length FL (mm): |
| 421 - ∞ | Working Distance (mm): |
| f/2.8 - f/22 | Aperture (f/#): |
| <0.5 | Distortion (%): |
| 400 - 1000 BBAR | Coating: |
| VIS-NIR Color Corrected | Lens Wavelength Range: |

Sensor

| | |
|----------------------------|-------------------------------|
| 35mm (43.3mm Image Circle) | Maximum Sensor Format: |
| 6.20 | Pixel Size (µm): |

Threading & Mounting

| | |
|--------------|-----------------------|
| M43.0 x 0.75 | Filter Thread: |
| F-Mount | Mount: |

Regulatory Compliance

| | |
|---------------------------|------------------------------------|
| Compliant | RoHS 2015: |
| View | Certificate of Conformance: |
| Compliant | Reach 233: |

Product Details

- Full Frame, 35mm (Covers 46mm Image Circle), F-Mount Lens
- Color Corrected for Spectral Range of 400 – 1000nm
- 28mm to 100mm Focal Length

Ideal for surface inspection and line scan applications, Schneider Large Format F-Mount MS-NIR Lenses offer low distortion and uniform performance across the entire focal plane. Featuring a lockable focus and iris, these lenses have been optically corrected for the 400 – 1000nm wavelength range. They can cover up to 35mm format sensors (43.3mm sensor diagonal). Schneider Large Format F-Mount MS-NIR Lenses has been highly toleranced to eliminate tilt in the image plane, providing repeatable and accurate results.