

TECHSPEC®

25mm SWIR Series Fixed Focal Length Lens



25mm Focal Length

Stock **#83-160** 10 TO 12 DAYS

⊖ 1 ⊕

₹135,503.00

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Iris Option:
Variable

Length (mm):
63.50

Horizontal Field of View, 1/2" Sensor:
52.7mm - 14.7°

Horizontal Field of View, 2/3" Sensor:
72.6mm - 20.2°

Filter Thread:
M34 x0.50 (Female)

Maximum Diameter (mm): 40
Outer Diameter (mm): 40.0
Weight (g): 177
Horizontal Field of View, 1/3" Sensor: 39.5mm - 11.0°
Maximum Rear Protrusion (mm): 7.62
Horizontal Field of View, 1" Sensor: 105.9mm - 29.1°
Maximum Image Circle (mm): 25.60
Numerical Aperture NA, Object Side: 0.0265
Horizontal Field of View @ Max Sensor Format: 143.8mm - 38.9°
Flange Distance (mm): 17.526
Horizontal Field of View, 4/3" Sensor: 143.8mm - 38.9°
Horizontal Field of View, 1.1" Sensor: 117.7mm - 32.2°
Number of Elements (Groups): 9 (6)
Note: Lens will cover larger 25.6mm and 20.5mm line scan sensors.
Horizontal Field of View, 1/1.8" Sensor: 59.3mm - 16.5°
Horizontal Field of View, 1/2.5" Sensor: 47.8mm - 13.3°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 25.00
Primary Magnification PMAG: 0.122
Maximum Sensor Format: 4/3"
Working Distance (mm): 200 - ∞
Mount: C-Mount
Aperture (f/#): f/2.1 - f/16
Coating: 0.8 - 1.8µm BBAR
Coating Specification: 0.8 - 1.8µm BBAR
Entrance Pupil Position (mm): 16.41
Horizontal Field of View, 1/4" Sensor: 29.6mm - 8.3°
Object Space Principal Plane (mm): 21.53
Image Space Principal Plane (mm): -15.35
Field of View at Max Sensor Format: Horizontal: 171.5mm - 45.8° Vertical: 127.9mm - 34.9° Diagonal: 216mm - 56.1°
Maximum Distortion (%): -3.03
Exit Pupil Position (mm): -21.79
Horizontal Field of View, 25.6mm Sensor: 206.8mm - 55.8°
Horizontal Field of View, 20.5mm Sensor: 128.2mm - 35.5°
Lens Wavelength Range: SWIR

Imaging Lens Type:
SWIR Lens

Storage Temperature (°C):
-20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS:
[Compliant](#)

Certificate of Conformance:
[View](#)