

TECHSPEC® 16mm, 100-500mm Primary WD, HR Series Fixed Focal Length Lens



16mm Focal Length



Stock **#85-865** ☐ In Stock

1

C\$1,190.00

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Iris Option:
Variable

Length (mm):
45.63

Horizontal Field of View, 1/2" Sensor:
43.5mm - 22.76°

Horizontal Field of View, 2/3" Sensor:
60.3mm - 29.96°

Filter Thread: M25.5 x0.50 (Female)
Maximum Diameter (mm): 37
Weight (g): 120
Horizontal Field of View, 1/3" Sensor: 32.5mm - 17.09°
Maximum Rear Protrusion (mm): 0.46
Maximum Image Circle (mm): 11.00
Numerical Aperture NA, Object Side: 0.0376
Horizontal Field of View @ Max Sensor Format: 60.3mm - 29.96°
Number of Elements (Groups): 9 (7)
Horizontal Field of View, 1/1.8" Sensor: 49.0mm - 25.58°
Horizontal Field of View, 1/2.5" Sensor: 38.6mm - 20.28°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 16.00
Primary Magnification PMAG: 0.143
Maximum Sensor Format: 2/3"
Working Distance (mm): 100 - ∞
Mount: C-Mount
Aperture (f/#): f/1.8 - f/16
Coating: 425 - 675nm BBAR
Coating Specification: 425 - 675nm BBAR
Entrance Pupil Position (mm): 13.86
Horizontal Field of View, 1/4" Sensor: 24.3mm - 12.83°
Object Space Principal Plane (mm): 24.04
Image Space Principal Plane (mm): -2.50
Field of View at Max Sensor Format: Horizontal: 62.9mm - 31.2° Vertical: 46.8mm - 23.4° Diagonal: 79.5mm - 38.9°
Maximum Distortion (%): -2.99
Exit Pupil Position (mm): -30.26
Optimized Working Distance (mm): 100 - 500
Lens Wavelength Range: VIS
Imaging Lens Type: High Performance Lens
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS 2015: Compliant
Reach 209: Compliant
Certificate of Conformance: View

