

## TECHSPEC® 16mm f/4, HPi Series Fixed Focal Length Lens



16mm HPi Series Fixed Focal Length Lens

Stock #33-816 3-4 DAYS

⊖ 1 ⊕ **£603.50**

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Qty 1+

£603.50

Volume Pricing

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**Iris Option:**  
Fixed

**Length (mm):**  
64.20

**Horizontal Field of View, 1/2" Sensor:**  
49.4mm - 22.1°

**Horizontal Field of View, 2/3" Sensor:**  
68.4mm - 30.1°

**Filter Thread:**

M46.0 x0.75 (Female)

**Maximum Diameter (mm):**

48

**Weight (g):**

117

**Horizontal Field of View, 1/3" Sensor:**

36.9mm - 16.6°

**Maximum Rear Protrusion (mm):**

0

**Horizontal Field of View, 1" Sensor:**

101.3mm - 43.2°

**Maximum Image Circle (mm):**

17.60

**Numerical Aperture NA, Object Side:**

0.0159

**Horizontal Field of View @ Max Sensor Format:**

127mm - 53°

**Horizontal Field of View, 1.1" Sensor:**

113.4mm - 47.6°

**Number of Elements (Groups):**

9 (7)

**Horizontal Field of View, 1/1.8" Sensor:**

55.7mm - 24.8°

**Horizontal Field of View, 1/2.5" Sensor:**

44.7mm - 20.0°

**Optimized Sensor Format:**

1"

**Type:**

Fixed Focal Length Lens

**Focal Length FL (mm):**

16.00

**Primary Magnification PMAG:**

0.131

**Maximum Sensor Format:**

1.1"

**Working Distance (mm):**

100 - ∞

**Mount:**

C-Mount

**Aperture (f/#):**

f/4

**Coating:**M4 MgF<sub>2</sub>**Coating Specification:**M4 MgF<sub>2</sub>**Entrance Pupil Position (mm):**

27.28

**Horizontal Field of View, 1/4" Sensor:**

27.6mm - 12.5°

**Object Space Principal Plane (mm):**

40.34

**Image Space Principal Plane (mm):**

4.08

**Field of View at Max Sensor Format:**

Horizontal: 112.4mm - 47.2°

Vertical: 82.7mm - 35.9°

Diagonal: 144.7mm - 58°

**Maximum Distortion (%):**

-3.76

**Exit Pupil Position (mm):**

-58.81

**Optimized Working Distance (mm):**

400 - 2000

**Lens Wavelength Range:**

VIS

**Storage Temperature (°C):**

-20 to +60 For questions regarding operating temperature please contact our support team

## Regulatory Compliance

**RoHS:**

Compliant

