

# DH-PFL16-L12M-A

12MP 1.1" F1.4 16 mm Fixed-focal Lens (Manual Iris)



- 1.1" image sensor with high compatibility for ITC cameras.
- IR correction ensures 24 hours real-time monitoring.
- Standard C mount for easy installation and strong compatibility.
- ROHS standard.

## Technical Specification

### Performance

Image Sensor Size	1.1"
Focal Length	16 mm
Lens Pixel	12MP
Aperture	F1.4 ± 10%
IR Light	Yes
CRA	10.3°
Total Optical Length	96.6 mm ± 0.5 mm (in air)
Flange Back Focal Length	17.52 mm ± 0.2 mm (in air)
Mechanical Back Focal Length	11.74 mm ± 0.2 mm (in air)
Field of View	61.3° × 50.3° × 37° (D × H × V)
Distortion	-2.35%
Minimum Object Distance (MOD)	0.3 m (0.98 ft)

### Control Mode

Zoom	Fixed
Focus Control	Manual
Iris Control	Manual

### Port

Port Type	C mount
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### Structure

Product Dimensions	Φ48 mm x 84.25 mm
Appearance Color	Black
Casing	Metal
Net Weight	0.356 kg ± 0.005 kg (0.78 lb ± 0.01 lb)
Gross Weight	0.408 kg ± 0.010 kg (0.90 lb ± 0.02 lb)
Packaging Dimensions	124 mm × 82 mm × 89 mm (4.88" × 3.23" × 3.50")

### Environment

Operating Temperature	-30°C to +70°C (-22°F to +158°F)
Operating Humidity	95% (RH)
Storage Temperature	-30°C to +70°C (-22°F to +158°F)
Storage Humidity	≤ 95% (RH)

**Ordering Information**

Type	Part Number	Description
HD Fixed-focal Lens	DH-PFL16-L12M-A	Dahua 12MP 1.1" F1.4 16 mm Fixed-focal Lens (Manual Iris)
Accessory		Desiccant

**Dimensions (mm[inch])**

