

DH-PFL25-L12M-A

12MP 1.1" F1.4 25 mm Fixed-focal Lens (Manual Iris)



- 1.1" image sensor that is compatible with major ITC cameras
- Standard interface, easy installation and strong camera compatibility
- 12MP for excellent imaging

Technical Specification

Performance

Image Sensor Size	1.1"
Focal Length	25 mm±5%
Pixel	12MP
Max. Aperture	F1.4±5%
IR Correction	No
Chief Ray Angle (CRA)	9°
Total Optical Length	98.10 mm±0.3 (In air)
Flange Back Focal Length	17.53 mm±0.1
Mechanical Back Focal Length	Near: 14.14 mm±0.1 (In air) Far: 12.89 mm±0.1 (In air)
Field of View	1.1": 41° × 33° × 24°
Distortion	-5.3%
Minimum Object Distance (MOD)	0.3 m

Control

Zoom	Fixed
Focus	Manual
Iris	Manual

Mount

Mount Type	C mount
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Structure

Product Dimensions	∅47 mm × 84.6 mm (∅1.85" × 3.33")
Color	Black
Casing	Metal
Net Weight	0.342±0.003 kg (0.75 lb±0.007 lb)

Gross Weight	0.397±0.005 kg (0.88 lb±0.01 lb)
Packaging Method	16 pcs in each carton
Packaging Dimensions	127 mm × 88 mm × 80 mm (5" × 3.46" × 3.15") (L × W × H)

Environment

Operating Temperature	-30°C to +70°C (-22°F to +158°F)
Operating Humidity	95% (RH)
Storage Temperature	-40°C to +70°C (-40°F to 158°F)
Storage Humidity	95% (RH)

Ordering Information

Type	Model	Description
1.1" 25 mm HD Fixed-focal Lens	DH-PFL25-L12M-A	Dahua 12MP 1.1" F1.4 25 mm Fixed-focal Lens (Manual Iris)
	PFL25-L12M-A	General 12MP 1.1" F1.4 25 mm Fixed-focal Lens (Manual Iris)

Dimensions (mm[inch])

