

DH-PLZ21C0-P

12MP 1/1.7" 10.5-42 mm Manual Vari-focal Lens



- Beautiful and elegant appearance
- Day and night applicable, effective IR correction
- 12MP for excellent imaging
- Standard interface, easy installation and strong camera compatibility
- RoHS-compliant, CE-marked and FCC-approved

Technical Specification

Performance

Image Sensor Size	1/1.7"
Focal Length	10.5 mm–42 mm
Pixel	12MP
Max. Aperture	F1.5 (W)–F1.7 (T)
IR Correction	Yes
Chief Ray Angle (CRA)	2.3° (W)–3.7° (T)
Total Optical Length	102.3 mm (40.27")
Flange Back Focal Length	12.5 mm (4.92")
Mechanical Back Focal Length	8.32 mm (3.27")
Field of View	1/1.7": W: 46.3° × 36.7° × 27.3° (Diagonal × Horizontal × Vertical) T: 14.3° × 10.2° × 8.5° (Diagonal × Horizontal × Vertical) 1/1.8": W: 44.6° × 35.3° × 26.3° (Diagonal × Horizontal × Vertical) T: 13.8° × 10.9° × 8.1° (Diagonal × Horizontal × Vertical) 1/2": W: 39.4° × 31.3° × 23.3° (Diagonal × Horizontal × Vertical) T: 12.2° × 9.7° × 7.2° (Diagonal × Horizontal × Vertical)
Distortion	–6.2% to –2.1%
Minimum Object Distance (MOD)	1 m (3.28 ft)

Lens Control

Zoom	Manual
Focus	Manual
Iris	P-iris

Mount

Mount Type	CS mount
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General

Product Dimensions	Ø52.0 mm × 90.5 mm (Φ20.47" × 35.63")
Color	Black
Casing	Metal
Net Weight	0.32 kg (0.71 lb)
Gross Weight	0.38 kg (0.84 lb)
Packaging Method	40 pcs in each carton
Packaging Dimensions	Inner carton: 126.0 mm × 87.0 mm × 78.0 mm (49.61" × 34.25" × 30.71") (L × W × H)

Environment

Operating Temperature	–30°C to +70°C (–22°F to +158°F)
Operating Humidity	10%–90% (RH)
Storage Temperature	–30°C to +70°C (–22°F to +158°F)
Storage Humidity	10%–90% (RH)

Ordering Information

Type	Model	Description
HD Vari-focal Lens	DH-PLZ21C0-P	Dahua 12MP 1/1.7" 10.5-42 mm HD Vari-focal Lens (P-iris)
HD Vari-focal Lens	PLZ21C0-P	General 12MP 1/1.7" 10.5-42 mm HD Vari-focal Lens (P-iris)

Dimensions (mm/inch)

