

DH-PLZ20C0-D

12MP 1/1.7" 3.7-16 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	3.7 mm–16 mm
Pixel	12MP
Max. Aperture	F1.5
IR Correction	Yes
Chief Ray Angle (CRA)	11° (W)–9° (T)
Total Optical Length	95.35 mm (3.75")
Flange Back Focal Length	12.5 mm (0.49")
Mechanical Back Focal Length	7.45 mm (0.29")
Field of View	1/1.7": W: 146° × 109° × 79° (Diagonal × Horizontal × Vertical) T: 36° × 29° × 22° (Diagonal × Horizontal × Vertical) 1/1.8": W: 136° × 114° × 61° (Diagonal × Horizontal × Vertical) T: 34° × 30° × 17° (Diagonal × Horizontal × Vertical)
Distortion	–28.8%W to –2.5%T (1/1.7") –27.1%W to –2.3%T (1/1.8")
Minimum Object Distance (MOD)	0.5 m (1.64 ft)

Lens Control

Zoom	Manual
Focus	Manual

Iris	DC-iris
------	---------

Mount

Mount Type	CS mount
------------	----------

General

Product Dimensions	∅54.0 mm × 87.35 mm (∅2.13" × 3.44")
Color	Black
Casing	Metal
Net Weight	0.27 kg (0.60 lb)
Gross Weight	0.33 kg (0.73 lb)
Packaging Method	40 pcs in each master carton
Packaging Dimensions	Inner carton: 126.0 mm × 87.0 mm × 78.0 mm (4.96" × 3.42" × 3.07") (L × W × H)

Environment

Operating Temperature	–30°C to +70°C (–22°F to +158°F)
Operating Humidity	10%-95% (RH)
Storage Temperature	–30°C to +70°C (–22°F to +158°F)
Storage Humidity	10%-95% (RH)

Ordering Information

Type	Model	Description
HD Vari-focal Lens	DH-PLZ20C0-D	Dahua 12MP 1/1.7" 3.7-16 mm HD Vari-focal Lens (DC-iris)
	PLZ20C0-D	General 12MP 1/1.7" 3.7-16 mm HD Vari-focal Lens (DC-iris)

Dimensions (mm/inch)

