

# DH-PFL0820-G3M

3MP 2/3" C Mount 8–20 mm F1.6 Manual Vari-focal Lens



- 3MP for access monitoring application; better performance with lower price.
- 2/3" image sensor with downward compatibility.
- 8-20 mm lens and F1.6 iris satisfy a majority of applications in access monitoring.
- Standard C mount for easy installation and strong compatibility.
- ROHS standard.

## Technical Specification

### Performance

Image Sensor Size	2/3"
Focal Length	8-20 mm
Lens Pixel	3MP
Aperture	F1.6
IR Light	Yes
CRA	8°
Total Optical Length	99.326 ± 0.5 mm
Flange Back Focal Length	17.526 mm
Mechanical Back Focal Length	11.6 mm (in air)
Field of View	2/3": W: 94.4° × 71.4° × 53° T: 31.6° × 25.1° × 19.2°@10.922 mm × 8.712 mm × 6.588 mm
Distortion	<-8.9% (wide angle)-<-0.89% (telephoto)
Minimum Object Distance (MOD)	W: 2.5 m (8.20 ft); T: 5 m (16.40 ft)

### Control Mode

Zoom	Manual
Focus Control	Manual
Iris Control	Manual

### Port

Port Type	C mount
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### Structure

Product Dimensions	∅54.8 mm × 81.8 mm (∅2.16" × 3.22")
Appearance color	Black
Casing	Metal

Net Weight	0.195 ± 0.005 kg (0.43 lb ± 0.01 lb)
Gross Weight	0.226 ± 0.005 kg (0.50 lb ± 0.01 lb)
Packaging Method	30 pcs in each master carton
Packaging Dimensions	Small carton: 124 mm × 89 mm × 82 mm (4.88" × 3.50" × 3.23") (L × W × H) Master carton: 265 mm × 265 mm × 470 mm (10.43" × 10.43" × 18.50") (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 +80°C (-40°F to +176°F)
Storage Humidity	≤95% (RH)

### Package Information

Lens	1 pc
Desiccant	1 pc

## Ordering Information

Type	Model	Description
HD Vari-focal Lens	DH-PFL0820-G3M	Dahua 3MP 2/3" C mount 8-20 mm F1.6 Manual Vari-focal Lens DH-PFL0820-G3M
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Dimensions (mm[inch])

