

DH-PFL0550-E6D

6 MP 1/2.7" 5-50mm vari-focal lens



- Supports up to 6 MP, producing high-quality images.
- With its infrared technology, it is suitable for use both during the day and at night.
- Standard C mount makes the device easy to install and highly compatible.
- ROHS standard.

Series Overview

HD Vari-Focal Lens is a high pixel lens that supports switching between various focal lengths, apertures and image sensors. It supports IR correction and 24-hour monitoring. Easy to install, the lens has standard ports, is highly compatible, and meets the ROHS standard.

Scene

Ideal for cameras, and works in temperatures ranging from -30°C to $+70^{\circ}\text{C}$ (-22°F to $+158^{\circ}\text{F}$) and in environments with a relative humidity of less than 95%.

Technical Specification

Performance

Image Sensor Size	1/2.7" CMOS
Focal Length	5–50 mm
Lens Pixel	6 MP
Aperture	F1.6
IR Light	Yes
Total Optical Length	91 mm \pm 1 mm (3.54" \pm 0.04") (In air)
Flange Back Focal Length	12.53 mm \pm 0.2 mm (0.49" \pm 0.01") (In air)
Mechanical Back Focal Length	6.8 mm \pm 0.2 mm (0.27" \pm 0.01") (In air)
Field of View	W: $65.7^{\circ} \times 49.6^{\circ} \times 36.9^{\circ}$ T: $8.7^{\circ} \times 7^{\circ} \times 5.2^{\circ}$
TV Distortion	–8% @ $\Phi 6.6$ mm

Control Mode

Zoom	Manual
Focus Control	Manual
Iris Control	DC-Iris

Port

Port Type	CS
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Structure

Product Dimensions	$\Phi 44$ mm \times 85.7 mm ($\Phi 1.73$ " \times 3.37")
Appearance Color	Black
Casing Material	Metal, plastic
Net Weight	0.2 kg (0.44 lb)
Gross Weight	0.24 kg (0.53 lb)
Packaging Method	80 in one package

Environment

Operating Temperature	-30°C to $+70^{\circ}\text{C}$ (-22°F to $+158^{\circ}\text{F}$)
Operating Humidity	95% (RH)
Storage Temperature	-40°C to $+80^{\circ}\text{C}$ (-40°F to $+176^{\circ}\text{F}$)
Storage Humidity	95% (RH)

Certification

Certifications	CE-LVD: EN62368-1; CE-EMC: EN55032, EN50130-4, EN55035; FCC: 47 CFR Part 15, Subpart B;
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Ordering Information

Type	Model	Description
HD Vari-focal Lens	DH-PFL0550-E6D	6 MP 1/2.7" 5-50mm vari-focal lens

Dimensions (mm[inch])

