

HF-P series lenses

LS-HF-P series · Machine vision lenses · 7 models

4, 1/1.8", 10MP Lens, C-Mount. Ultra high resolution and consistency of image clarity Bigger aperture, lower distortion and higher relative illumination rate

Features

- Ultra high resolution and consistency of image clarity
- Bigger aperture, lower distortion and higher relative illumination rate
- Achromatic optical system design, Better imaging performance with color camera
- Excellent vibration resistance performance, optical axis shifting within pixel level
- Good stability at high and low temperature
- Multilayer and broadband coating design, compatible with visible and near-infrared applications



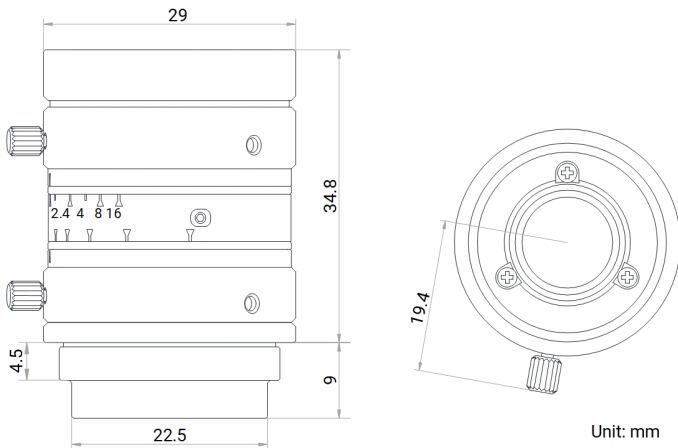
Common specifications

F-number	F2.4 to F16
Image size	Ø9 mm (1/1.8")
Iris control	Manual
Focus control	Manual
Mount	C-mount
Flange back length	17.526 mm
Temperature	-10°C to 50°C (14 °F to 122 °F)
Certification	RoHS 2.0

Models

Model	Focal length	Distortion	Minimum object distance	Field of view	Filter thread	Dimension	Weight
LS-HF0824M-10MP	8 mm	-0.67%	0.1 m	D(8.96 mm):58.81°; H(7.38 mm):49.56°; V(4.92 mm):34.04°	M27 × 0.5	Ø29 mm × 34.8 mm (Ø1.1" x 1.4")	70.9 g (0.2 lb.)
LS-HF1224M-10MP	12 mm	0.15%	0.1 m	D (8.96 mm): 40.2°; H (7.38 mm): 33.6°; V (4.92 mm): 22.9°	M27 × 0.5	Ø29 mm × 37 mm (Ø1.1" x 1.5")	65.9 g (0.1 lb.)
LS-HF1624M-10MP	16 mm	-0.02%	0.1 m	D (8.96 mm): 30.17°; H (7.38 mm): 25.07°; V (4.92 mm): 16.92°	M27 × 0.5	Ø29 mm × 38.36 mm (Ø1.1" x 1.5")	70.2 g (0.2 lb.)
LS-HF2524M-10MP	25 mm	-0.01%	0.1 m	D (8.96 mm): 19.67°; H (7.38 mm): 16.19°; V (4.92 mm): 10.85°	M27 × 0.5	Ø29 mm × 41.43 mm (Ø1.1" x 1.6")	73.8 g (0.2 lb.)
LS-HF3524M-10MP	35 mm	0.01%	0.15 m	D (8.96 mm): 13.47°; H (7.38 mm): 11.03°; V (4.92 mm): 7.34°	M27 × 0.5	Ø29 mm × 51.68 mm (Ø1.1" x 2.0")	85.1 g (0.2 lb.)
LS-HF5024M-10MP	50 mm	0.03%	0.3 m	D (8.96 mm): 9.10°; H (7.38 mm): 7.48°; V (4.92 mm): 5.00°	M27 × 0.5	Ø29.5 mm × 52 mm (Ø1.2" x 2.0")	85.9 g (0.2 lb.)
LS-HF0624M-10MP	6 mm	0.37%	0.1 m	D (8.96 mm): 72.96°; H (7.38 mm): 62.46°; V (4.92 mm): 44.05°	-	Ø29.8 mm × 40.9 mm (Ø1.2" x 1.6")	82.8 g (0.2 lb.)

Performance



Product views

