

MF series lenses

LS-MF series · Machine vision lenses · 6 models

8, 2/3", 8MP Lens, C-Mount. Ultra-high resolution and consistency of image clarity Ultra-low distortion and higher relative illumination

Features

- Ultra-high resolution and consistency of image clarity
- Ultra-low distortion and higher relative illumination
- Achromatic optical system design, better image performance with color camera
- Supports ultra-short working distance with good optical performance
- Compact design, excellent vibration resistance and high and low temperature performance



Common specifications

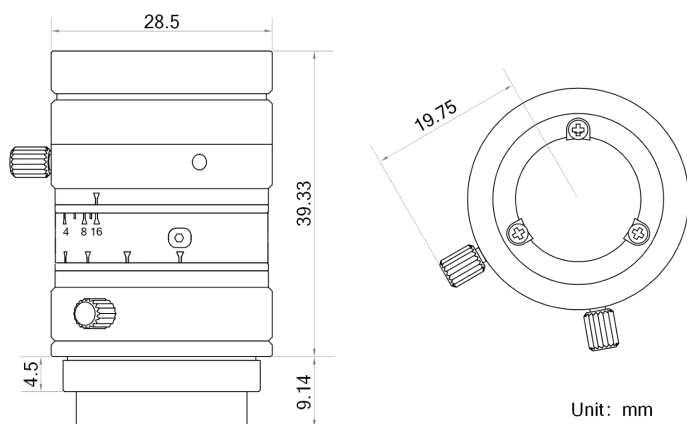
F-number	F2.8 to F16
Image size	Ø11 mm (2/3")
Iris control	Manual
Focus control	Manual
Flange back length	17.526 mm
Certification	RoHS 2.0

Models

Model	Focal length	Distortion	Minimum object distance	Field of view	Mount	Dimension	Weight
LS-MF1628M-8MP	16 mm	0.33%	0.1 m	D (11.1 mm): 37.39°; H (8.45 mm): 28.9°; V (7.07 mm): 24.33°	C-mount	Ø28.5 mm × 39.33 mm (Ø1.1" × 1.6")	57.1 g (0.1 lb.)
LS-MF1228M-8MP	12 mm	0.28%	0.1 m	D (11.1 mm): 48.57°; H (8.45 mm): 37.88°; V (7.07 mm): 32.04°	C-Mount	Ø32 mm × 39.4 mm (Ø1.3" × 1.6")	75.1 g (0.2 lb.)
LS-MF2528M-8MP	25 mm	0.01%	0.1 m	D (11.1 mm): 23.23°; H (8.45 mm): 17.78°; V (7.07 mm): 14.91°	C-mount	Ø30 mm × 38.59 mm (Ø1.2" × 1.5")	60.8 g (0.1 lb.)
LS-MF3528M-8MP	35 mm	0.02%	0.15 m	D (11.1 mm): 15.26°; H (8.45 mm): 11.65°; V (7.07 mm): 9.76°	C-mount	Ø32 mm × 48.43 mm (Ø1.3" × 1.9")	84.3 g (0.2 lb.)
LS-MF5028M-8MP	50 mm	0.01%	0.4 m	D (11.1 mm): 11.67°; H (8.45 mm): 8.81°; V (7.07 mm): 7.38°	C-mount	Ø29 mm × 53.81 mm (Ø1.1" × 2.1")	75.5 g (0.2 lb.)
LS-MF0828M-8MP	8 mm	0.28%	0.1 m	D (11.1 mm): 68.46°; H (8.45 mm): 54.97°; V (7.07 mm): 47.06°	C-mount	Ø35 mm × 40.27 mm (Ø1.4" × 1.6")	80.7 g (0.2 lb.)

More values per model (Filter thread, Temperature) are on each product page.

Performance



Product views

