

M12 series lenses

LS-M12-LENSES series · M12 board lenses · 6 models

37mm, F2.8, 1/2", 5MP Lens, M12-Mount. Optimization design for machine vision High resolution, high consistency of picture definition

Features

- Optimization design for machine vision
- High resolution, high consistency of picture definition
- Low Distortion, high relative illumination
- S-Mount (M12 * 0.5), easy system integration



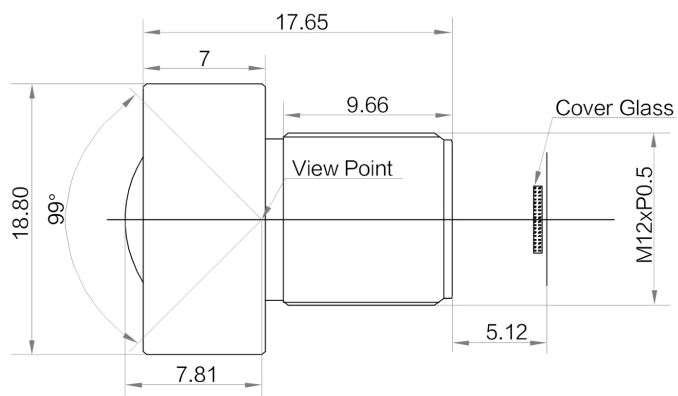
Common specifications

F-number	F2.8
Mount	S-Mount
Temperature	-10 ~ 50°C
Certification	RoHS2.0

Models

Model	Focal length	Image size	TV distortion	Working distance range	Field of view	TTL	Dimension
LS-HF0328-05S	3.37 mm	Φ8 mm(1/2")	<1%	100 ~ 850 mm	D(8.0 mm):100°; H(6.4 mm):86°; V(4.8 mm):70°	23.7 ~ 24.3 mm	Φ18.8 mm × 17.65 mm
LS-HF0628-05S	6 mm	Φ9 mm(1/1.8")	<0.5%	100 ~ 850 mm	D(8.86 mm):73°; H(7.37 mm):63°; V(4.91 mm):45°	28.4 ~ 28.9 mm	Φ20 mm×22.48 mm
LS-HF0828-05S	8 mm	Φ9 mm(1/1.8")	<0.3%	120 ~ 900 mm	D(8.86 mm):58°; H(7.37 mm):50°; V(4.91 mm):34°	24.9 ~ 25.5 mm	Φ17 mm×19 mm
LS-HF1228-05S	12 mm	Φ9 mm(1/1.8")	<0.2%	100 ~ 850 mm	D(8.86 mm):41°; H(7.37 mm):34°; V(4.91 mm):23°	25.4 ~ 26.9 mm	Φ15.4 mm × 19.46 mm
LS-HF1628-05S	16 mm	Φ9 mm(1/1.8")	<0.1%	100 ~ 850 mm	D(8.86 mm):31°; H(7.37 mm):26°; V(4.91 mm):17°	19.3 ~ 22.2 mm	Φ14 mm × 13.78 mm
LS-HF2528-05S	25 mm	Φ9 mm(1/1.8")	<0.05%	200 ~ 950 mm	D(8.86 mm):20°; H(7.37 mm):17°; V(4.91 mm):11°	26.2 ~ 29.3 mm	Φ14 mm×20.22 mm

Performance



Unit: mm

Product views

