

1.4" machine vision lenses

LS-FA-1-4IN series · Machine vision lenses · 4 models

4", 45 MP, C-mount Machine Vision Lens. A 12 mm, 1.4" format, 45 megapixel C-mount machine vision lens with 0.5% low distortion, matched to 2.3 um pixel sensors (Sony IMX492), for industrial recognition, positioning, measurement and 3D.



Features

- 45 megapixel resolution, covering 8K and 4K
- Large 1.4" format, covers 4/3", 1.1", 2/3" and 1/1.8" cameras
- 0.5% low distortion for machine vision
- Designed for 2.3 um pixel sensors (Sony IMX492)

Applications

- Automation
- Machine vision
- Medical
- Life science
- Electronics
- SMT / AOI

Common specifications

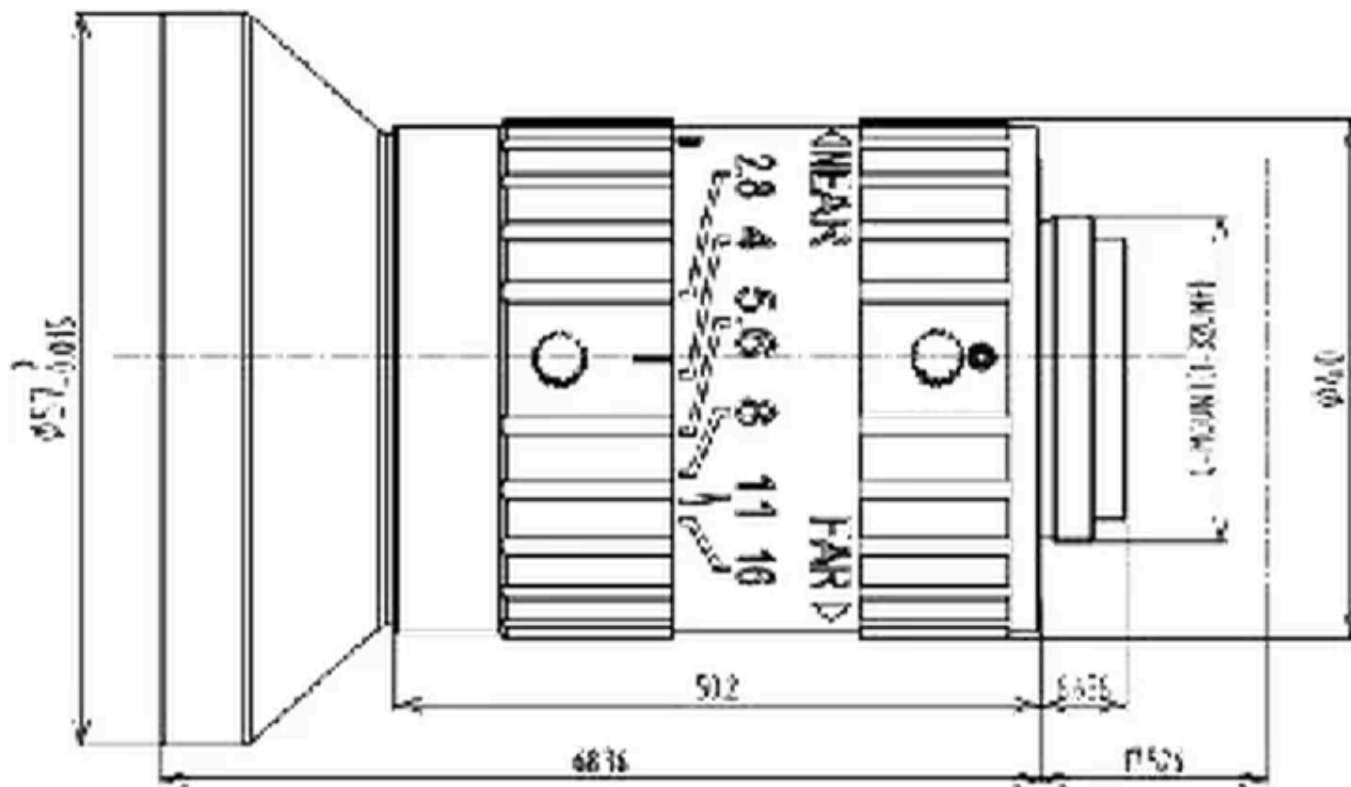
Resolution	45 Megapixel
Mount	C

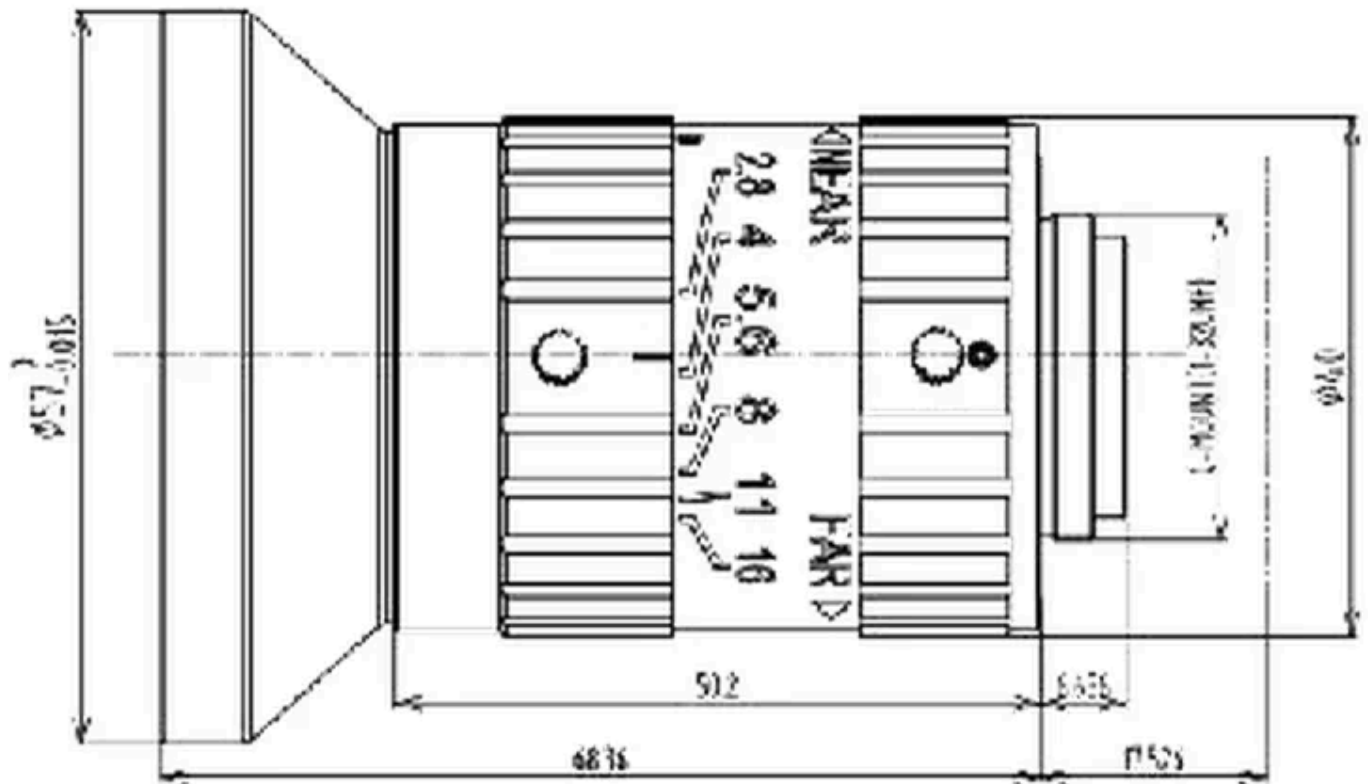
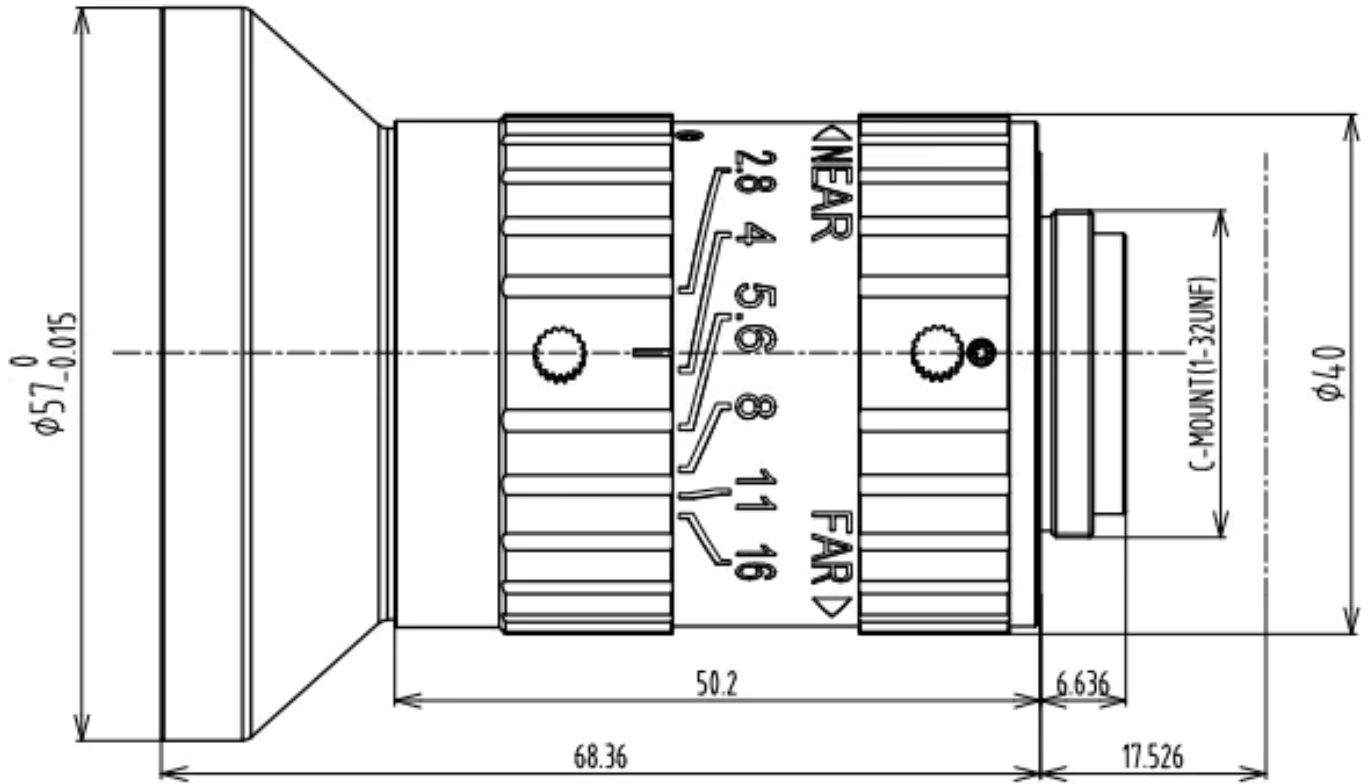
Models

Model	Format	Angle of view (1.4", DxHxV)	Focal length	B.F.L.	Aperture	M.O.D.	Distortion
LS-S14MV1228-45M	1.4" (18.96 x 12.86 mm)	87 x 77 x 56 deg (field 610 x 502 x 337 mm)	12 mm	11.7 mm	F2.8-16 Manual Iris	0.15 m	<0.5%
LS-S14MV1628-45M	1.4"	-	16 mm	-	F2.8	-	0.5%
LS-S14MV2528-45M	1.4" (18.96 x 12.86 mm)	49.2 x 42 x 29 deg (field 284 x 235 x 160 mm)	25 mm	17.2 mm	F2.8-16 Manual Iris	0.15 m	<0.5%
LS-S14MV5028-45M	1.4" (18.96 x 12.86 mm)	26 x 22 x 15 deg (field 165.3 x 137 x 93 mm)	50 mm	23.5 mm	F2.8-16 Manual Iris	0.25 m	<0.03%

More values per model (Size, Weight, Operating temperature, Flange back, Storage temperature, Angle of view (1.4", HxVxD), Field of view (1.4", distance not stated), Optical total length, Pixel size, Filter thread) are on each product page.

Dimensions





Product views

