

1/1.8" machine vision lenses

LS-MV-1-1-8IN series · Machine vision lenses · 13 models

8", 5 MP, C-mount
Machine Vision
Lens. Low-
distortion 5
megapixel 1/1.8" FA
lenses for machine
vision in 4, 6, 8, 12,
16, 25, 35, 50 and
75 mm focal
lengths. The 1/1.8"
format also covers
1/2" and 1/3"
cameras, and the
compact size fits
most applications.



Features

- High resolution: 5 megapixel, covers 5 MP, 3 MP and 1080P cameras
- Large format: 1/1.8" image size, covers 1/1.8", 1/2" and 1/3" cameras
- Small size: compact design fits most applications
- Low distortion for machine vision and ITS

Applications

- Automation
- Machine vision
- Medical
- Life science
- ITS
- SMT

Common specifications

Mount C

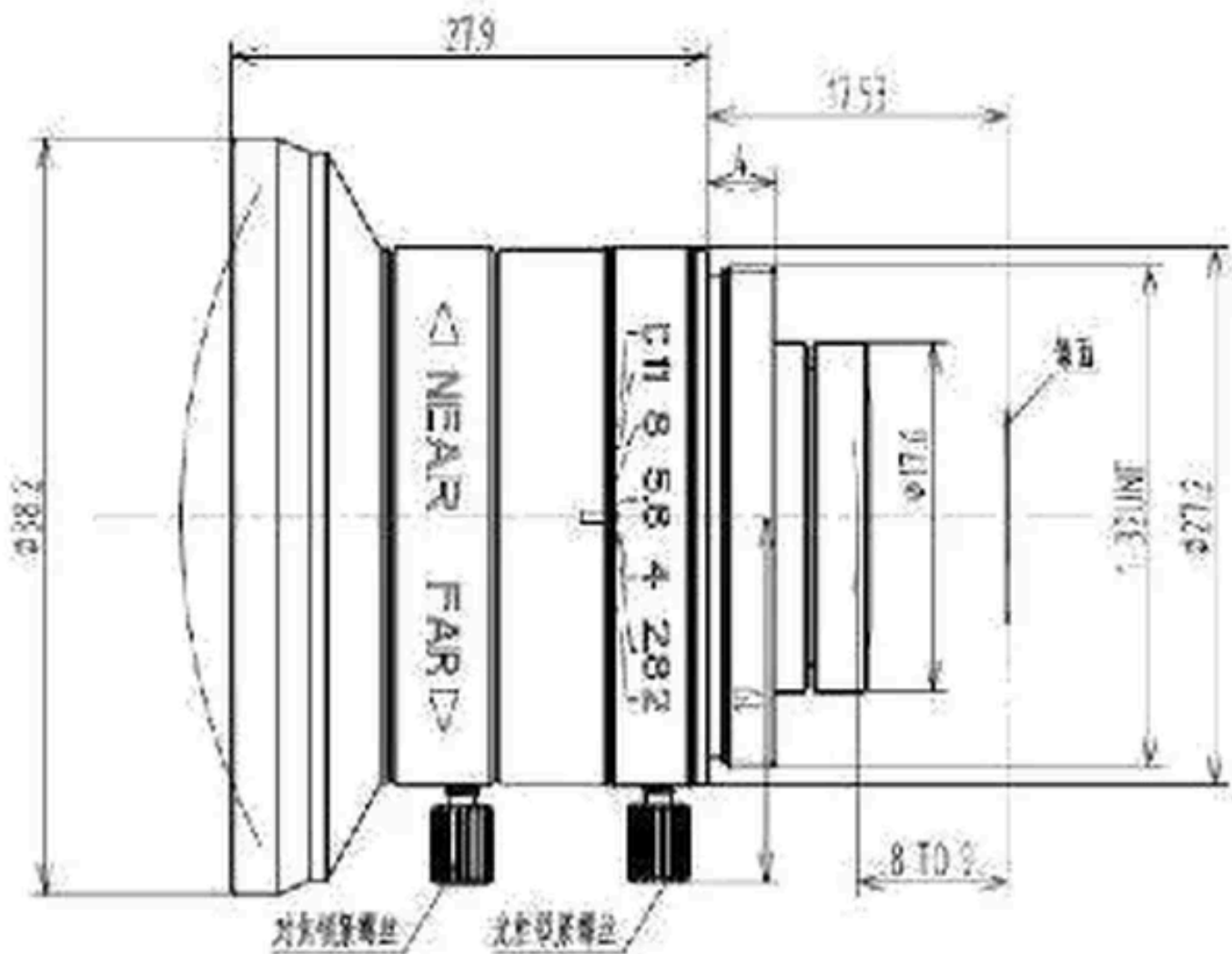
Models

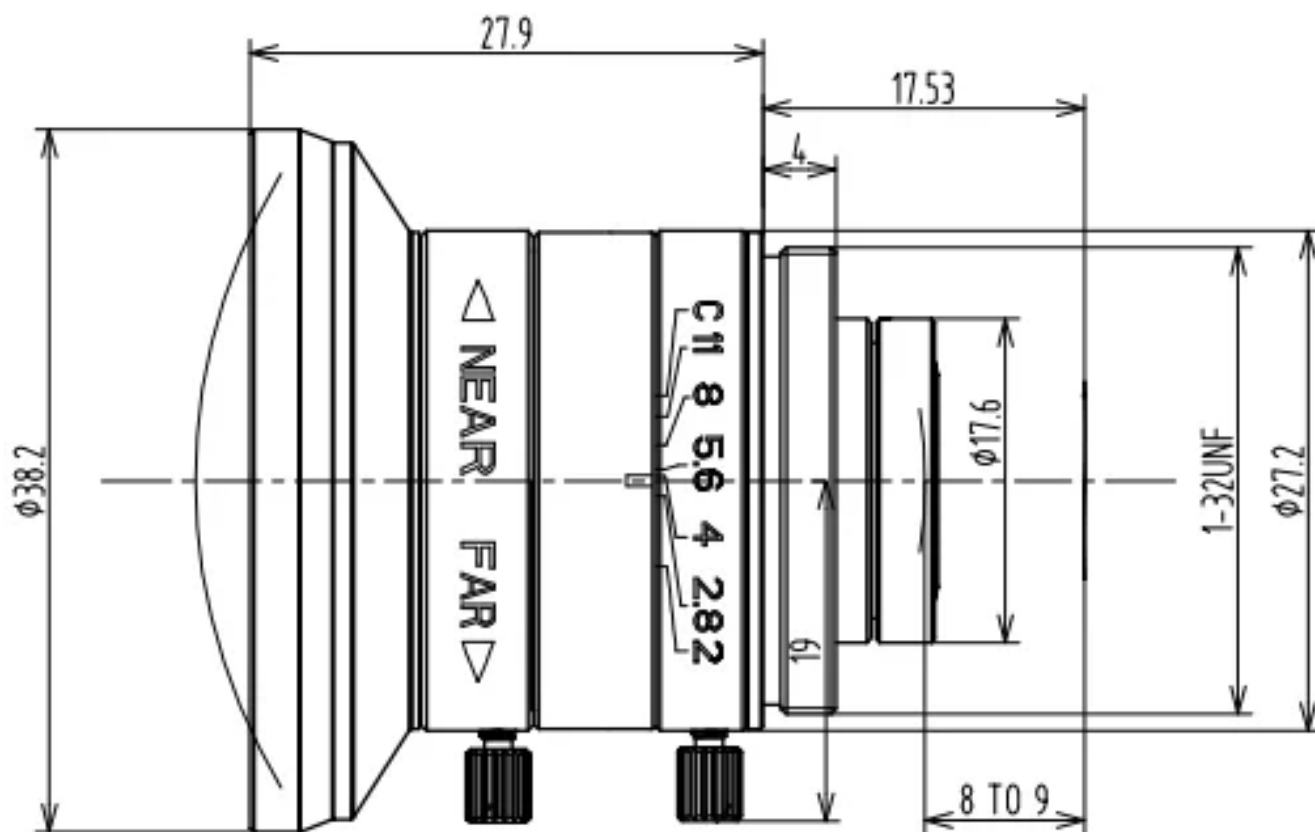
Model	Resolution	Format	Focal length	Aperture	Distortion	M.O.D.	Size
LS-SFA0420-5M	5MP	1/1.8"	4 mm	F2.0	<0.5%	0.1 m	dia. 38.2 x 36.43 mm
LS-SFA0620-5M	5MP	1/1.8"	6 mm	F2.0	<0.1%	0.1 m	dia. 26.8 x 27.5 mm
LS-SFA0820-5M	5MP	1/1.8"	8 mm	F2.0	<0.1%	0.1 m	dia. 26.8 x 25 mm

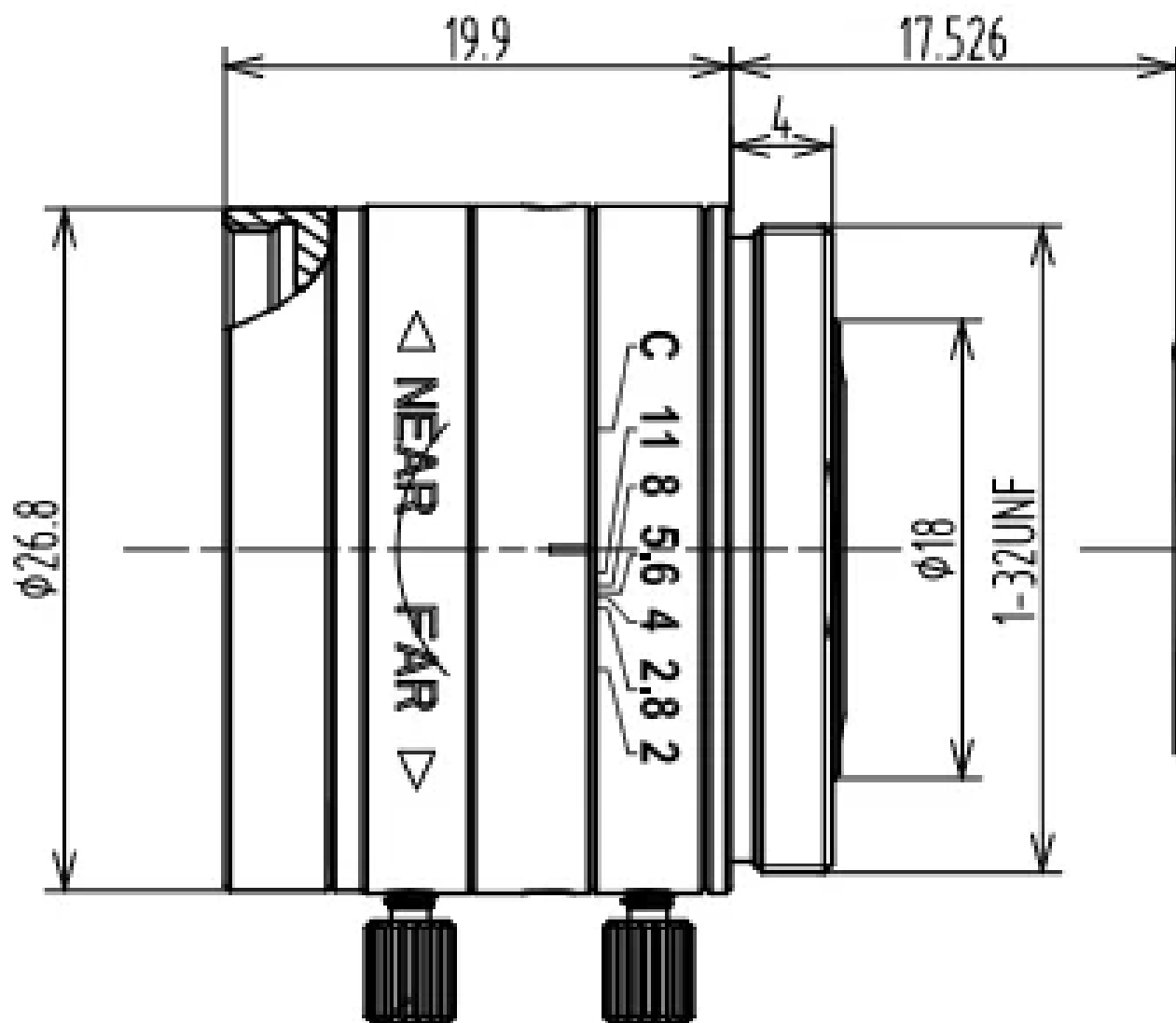
LS-SFA0822-5M	5.0 Megapixel	1/1.8"	8 mm	F2.2 Manual iris	<0.1%	0.1 m	dia. 26.8 x 25 mm
LS-SFA35H24-3M	3 Megapixel	1/1.8" (dia. 9 mm)	3.5 mm	F2.4 Manual iris	<-1.23% @y=4.5 mm	0.15 m	dia. 42 x 37.7 mm
LS-SFA1220-5M	5MP	1/1.8"	12 mm	F2.0	<0.3%	0.1 m	dia. 26.8 x 19.9 mm
LS-SFA1222-5M	5.0 Megapixel	1/1.8"	12 mm	F2.2 Manual iris	<0.3%	0.1	dia. 26.8 x 23.5 mm
LS-SFA1620-5M	5MP	1/1.8"	16 mm	F2.0	<0.1%	0.1 m	dia. 26.8 x 22.4 mm
LS-SFA2520-5M	5MP	1/1.8"	25 mm	F2.0	<0.1%	0.1 m	dia. 27.5 x 27.5 mm
LS-SFA3520-5M	5MP	1/1.8"	35 mm	F2.0	<0.1%	0.2 m	dia. 28 x 33 mm
LS-SFA3524-6M	6.0 Megapixel (2.4 µm pixel size)	1/1.8" (dia. 9.5 mm)	35 mm	F2.8~16 Manual iris	-	0.2 m	dia. 33 x 29.4 mm
LS-SFA5028-5M	5MP	1/1.8"	50 mm	F2.8	<0.05%	0.3 m	dia. 30.6 x 44.9 mm
LS-SFA7528-5M	5MP	1/1.8"	75 mm	F2.8	<0.05%	0.5 m	dia. 35 x 71.9 mm

More values per model (Angle of view (1/1.8", HxVxD), Angle of view (1/2.5", HxVxD), Angle of view (1/3", HxVxD), Flange back, Back focus, Operating temperature, Storage temperature, Angle of view (1/1.8"), Angle of view (1/2.5"), Angle of view (1/3"), Back focal length, Weight...) are on each product page.

Dimensions







Product views

