

Area Scan lens

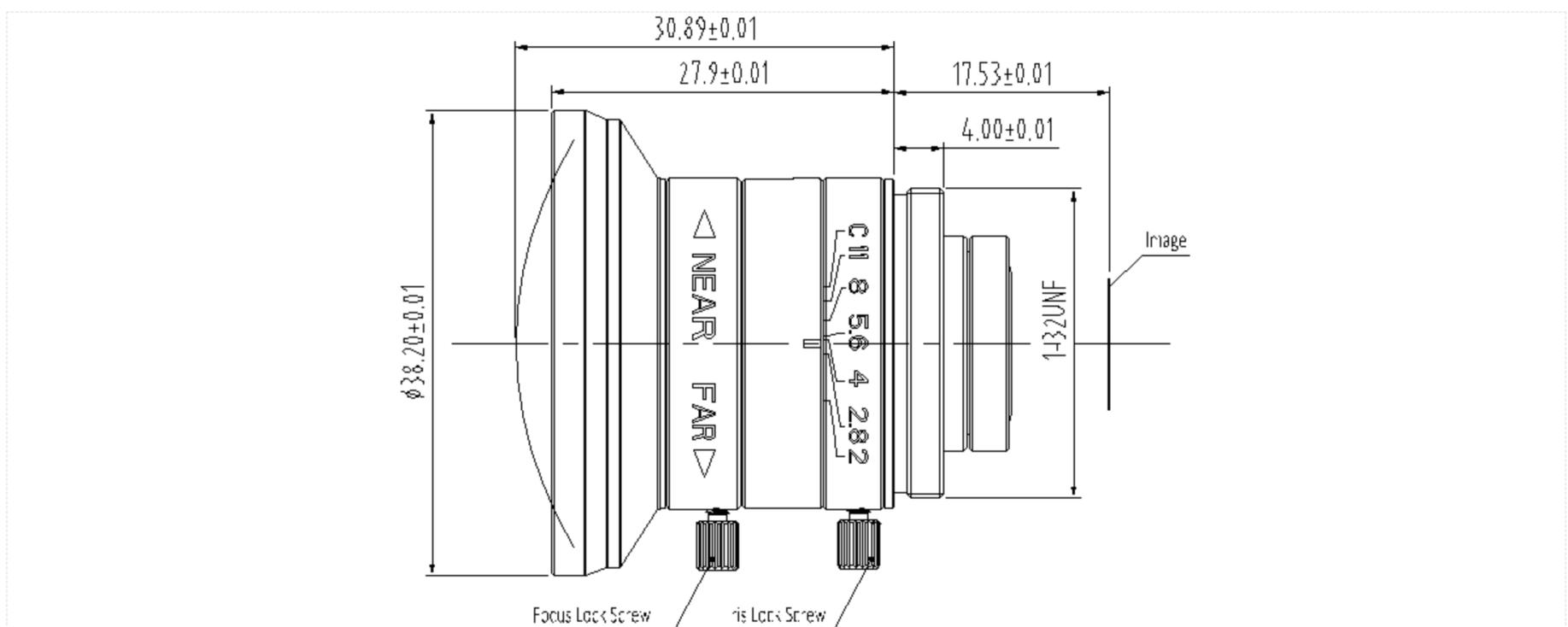
MH0420S



Features

- Support up to 1/1.8" camera sensors;
- 9 models, focal length covering from 4mm to 75mm;
- High resolution for 3MP camera in full of view;
- Design for close working distance , more suitable for industrial vision inspection scenarios ;
- Small size structure suitable for system integration and installation;
- Stable sharpness quality when temperature varies from -20°C~50°C ;

Dimensions (mm)



Specification

	Model	MH0420S
Basic	Series	MH-S Series
	Model	MH0420S
	Focal Length	4mm
	Aperture	F2.0 - C
	Image Sensor Size	Φ9mm(1/1.8")
	Focus Range	0.1m to infinite
	Optical Distortion	-4.2%
	TV Distortion	-0.66%
	Field of View	94.0°x82.9°x66.5° (9mmx7.2mmx5.3mm)
	Relative Illumination	43.3% (F2.0); 69% (F4.0)
	CRA (Chief Ray Angle)	12°
	Spectral Range	420nm~1150nm
	Spectral Transmission	T>79%
Structure	Camera Mount	C Mount
	Filter Thread	Null
	Focus Control	Manual
	Iris Control	Manual
	Product Dimensions	30.89mmxΦ38.2mm
	Net Weight	32 g
Environment	Operating Temperature	-20°C ~ +50°C