

Fixed lens for FA, 1.1" 20MP

LS-FA-11IN-20MP series · Lenses · 7 models



Ultra-high imaging quality 1.1" FA lenses supporting 20MP area scan cameras, with high relative illumination, big aperture, distortion <0.1%, focus from 0.1 m to infinity; compatible with 1" and 2/3" sensors.

Features

- Ultra-high imaging quality
- Support 20MP area scan cameras
- High relative illumination, with big aperture
- Distortion <0.1%
- Focus range from 0.1 m to infinity
- Compatible with 1" and 2/3" sensor

Applications

- Electronic component: yes or no / identify - check the number of tiny chips and poor imprint
- Electronic component: blemish / stain - detecting camera defects
- Liquid crystal, semiconductor: geometrical measurement - detect IC wire bending
- Electronic component: connector - connector pin flatness detection

Common specifications

Focal length range	6-50mm
F/NO	2.8-22
Mount	C-Mount
Distortion	<0.1%
Image size	1.1"
Resolution	20MP

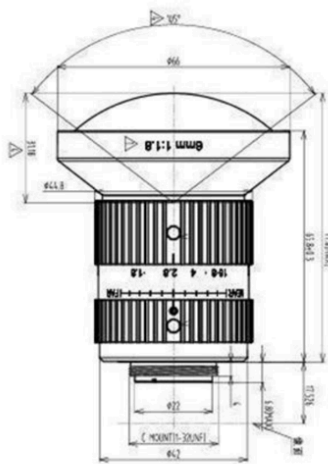
Models

Model	EFL	Field of view angle 1.1"	Field of view angle 1"	Field of view angle 2/3"	Distortion (TV) 1.1"	MOD	Filter size
LS-FA0615A	6mm	104.9° x 86.2°	95.4° x 78.4°	73.3° x 57.5°	<2.5%	0.1m	none

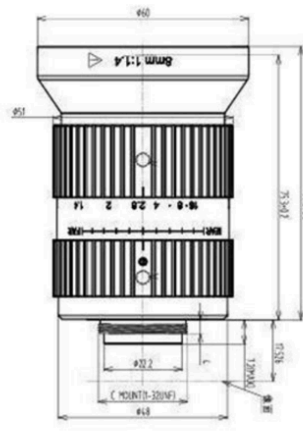
LS-FA0815A	8mm	84.8° x 68°	77.1° x 61.8°	57.6° x 44.9°	<5.5%	0.1m	M58×P0.75
LS-FA1216A	12mm	57° x 45°	54.8° x 42.3°	38.9° x 29.6°	<1.5%	0.1m	none
LS-FA1616A	16mm	46.3° x 36°	43.6° x 33.4°	30.8° x 23.3°	<0.5%	0.1m	M35.5×P0.5
LS-FA2516A	25mm	30.4° x 23°	27.6° x 20.9°	19.2° x 14.5°	<0.1%	0.1m	M35.5×P0.5
LS-FA3516A	35mm	22.6° x 17°	20.6° x 15.45°	14.3° x 10.7°	<0.02%	0.2m	M35.5×P0.5
LS-FA5016A	50mm	15.9° x 11.9°	14.6° x 10.9°	10.1° x 7.5°	<0.04%	0.3m	M35.5×P0.5

More values per model (Image size (dia.), Sensor format, Aperture) are on each product page.

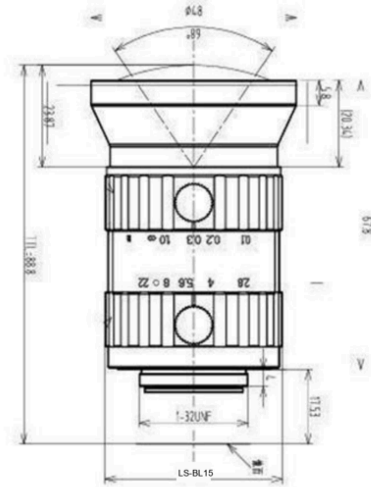
Dimensions



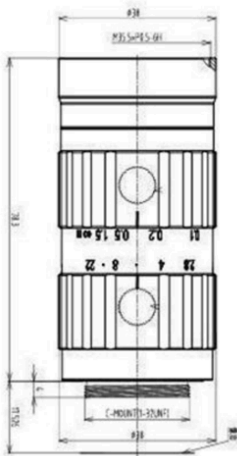
LS-FA0615A



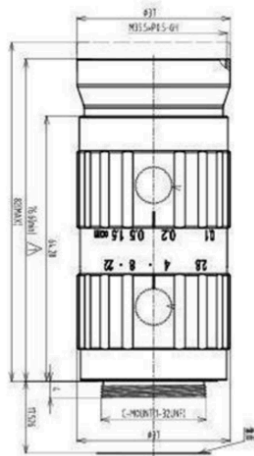
LS-FA0815A



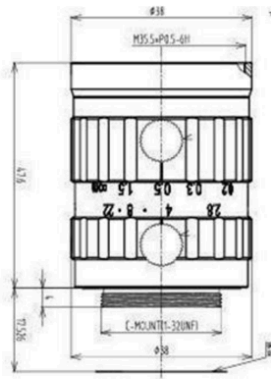
LS-FA1216A



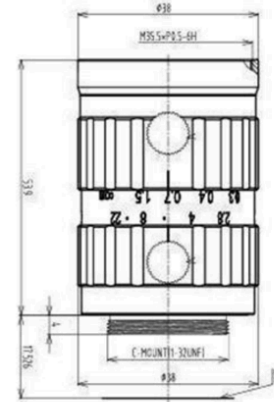
LS-FA1616A



LS-FA2516A



LS-FA3516A



LS-FA5016A