

Fixed lens for FA, 4/3" 20MP

LS-FA-43IN-20MP series · Lenses · 5 models



Industrial FA lenses supporting 4/3" sensors and compatible with 1.1" and 2/3" sensors, for 20MP area array cameras, with high relative illuminance, large aperture, compact structure and high contrast.

Features

- Support 4/3", and compatible with 1.1", 2/3" sensor
- Support 20 MP area array camera
- High relative illuminance, large aperture
- Excellent optical performance, compact structure design
- High contrast industrial FA lens

Applications

- Liquid crystal, semiconductor: count - SD card number calculation
- Electronic component: blemish / stain - LED appearance inspection
- Electronic equipment: yes or no / identify - detect poor binding and lead breakage of motor wires
- Electronic equipment: geometrical measurement - check whether the battery shrapnel terminal welding position is poor

Common specifications

Focal length range	12-50mm
F/NO	2.8-22
Mount	C-Mount
Distortion	<0.1%
Image size	4/3"
Resolution	20MP

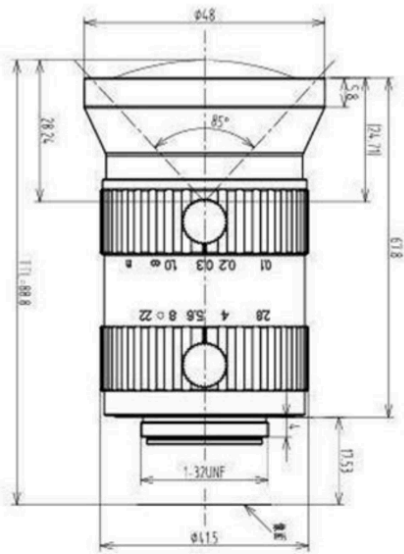
Models

Model	EFL	Field of view angle 4/3"	Field of view angle 1"	Field of view angle 2/3"	Distortion (TV) 4/3"	MOD	Filter size
LS-FA1220A	12mm	71.2° x 56.3°	54.8° x 42.3°	38.9° x 29.6°	<2%	0.1m	none

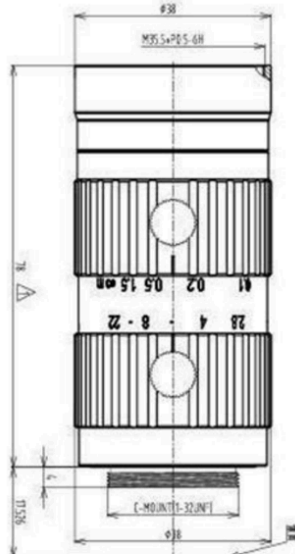
LS-FA1620A	16mm	57.6° x 44.8°	43.6° x 33.4°	30.8° x 23.3°	<1%	0.1m	M35.5×P0.5
LS-FA2520A	25mm	37.5° x 28.5°	27.6° x 20.9°	19.2° x 14.5°	<0.3%	0.1m	M35.5×P0.5
LS-FA3520A	35mm	27.9° x 20.9°	20.6° x 15.45°	14.3° x 10.7°	<0.04%	0.2m	M35.5×P0.5
LS-FA5020A	50mm	19.8° x 14.9°	14.6° x 10.9°	10.1° x 7.5°	<0.1%	0.3m	M35.5×P0.5

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

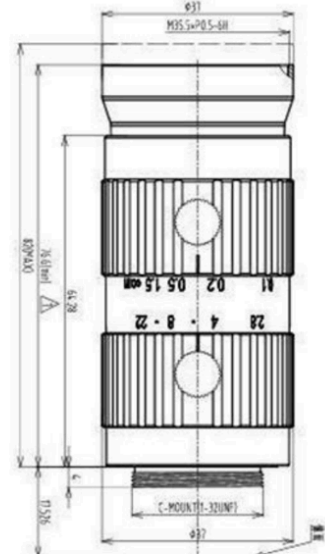
Dimensions



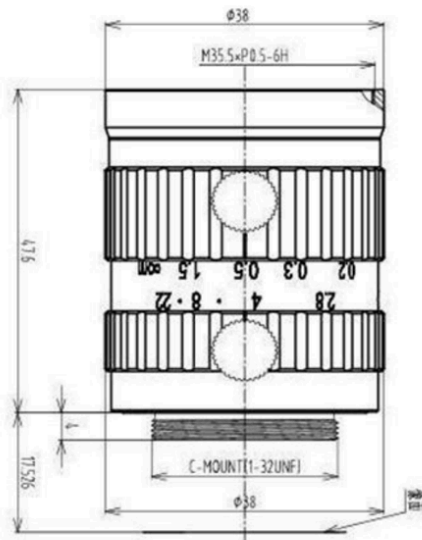
LS-FA1220A



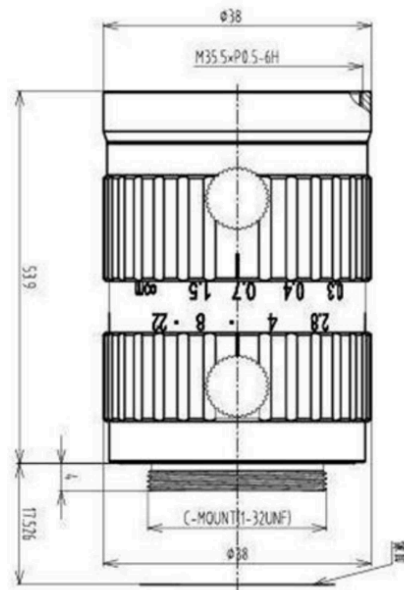
LS-FA1620A



LS-FA2520A



LS-FA3520A



LS-FA5020A