

Fixed lens for FA, 1" 5MP

LS-HC-1IN-5MP series · Lenses · 6 models



1" 5MP fixed FA lenses suitable for 2MP, 3MP and 5MP cameras, with manually adjustable aperture, C-mount, high relative illumination, TV distortion <0.1% and focus range from 0.1 m to infinity.

Features

- 5MP, suitable for 2MP, 3MP, 5MP cameras
- Aperture manually adjustable, C mount
- High relative illumination, big aperture
- TV distortion <0.1%
- Focus range from 0.1 m to infinity

Applications

- Liquid crystal, semiconductor: count - SD card number calculation
- Electronic component: blemish / stain - LED appearance inspection
- Electronic: 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	12.5-75mm
F/NO	1.4-16
Mount	C-Mount
Distortion	<0.1%
Image size	1"
Resolution	5MP

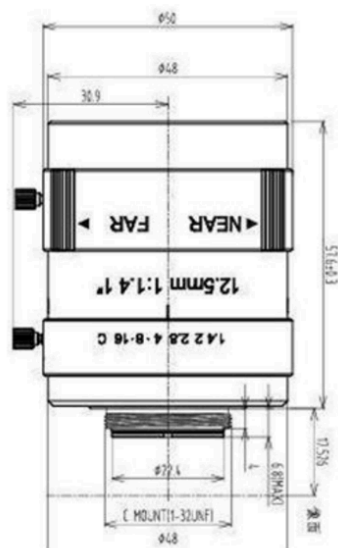
Models

Model	EFL	Field of view angle 1"	Field of view angle 2/3"	Field of view angle 1/2"	Distortion (TV) 1"	MOD	Filter size
LS-HC1205A	12.5mm	54.5° x 42°	38.5° x 29.1°	28.8° x 21.7°	<1.8%	0.1m	M46×P0.75

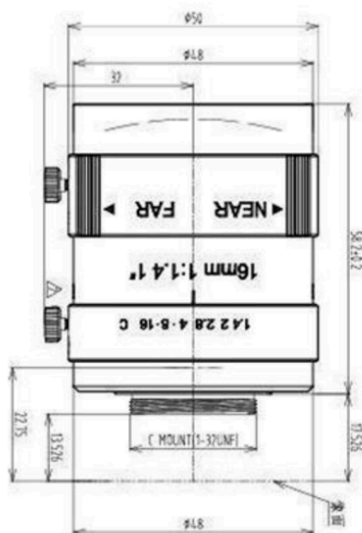
LS-HC1605A	16mm	42.4° x 32.4°	29.9° x 22.7°	21.2° x 16.5°	<0.2%	0.1m	M46×P0.75
LS-HC2505A	25mm	28.7° x 22.06°	20.34° x 15.78°	15.34° x 11.84°	<0.1%	0.1m	M40.5×P0.5
LS-HC3505A	35mm	19.28° x 14.32°	13.14° x 9.8°	9.58° x 7.16°	<0.1%	0.15m	M46×P0.75
LS-HC5005A	50mm	13.86° x 10.4°	9.56° x 7.16°	6.96° x 5.3°	<0.1%	0.3m	M46×P0.75
LS-HC7505A	75mm	9.8° x 7.4°	6.74° x 5°	4.9° x 3.6°	<0.1%	0.8m	M55×P0.75

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

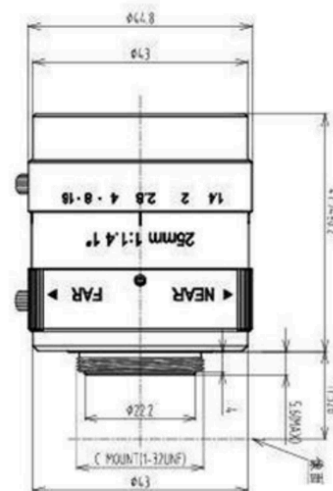
Dimensions



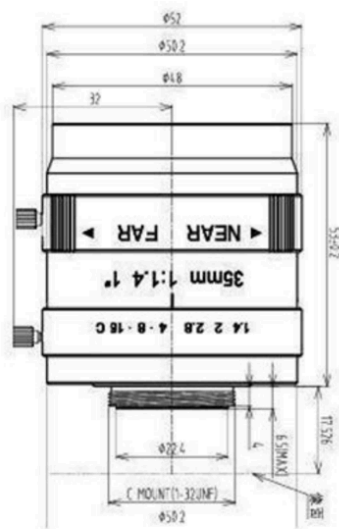
LS-HC1205A



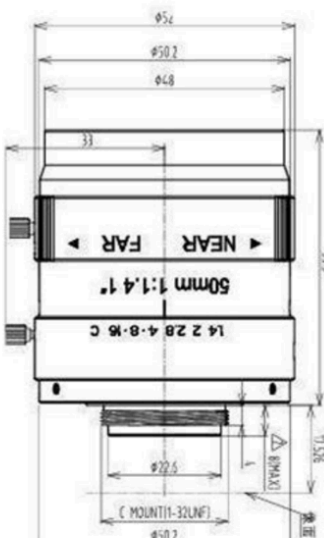
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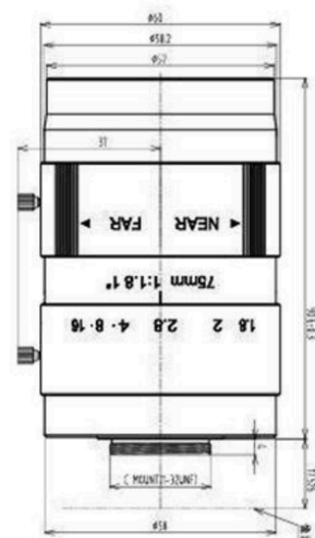
LS-HC2505A



LS-HC3505A



LS-HC5005A



LS-HC7505A