

FA lens series (VFA4)

LS-VFA4 series · Lenses · 11 models

FA lens series: compact design, adjustable aperture, ultra-high resolution and minimized distortion; supports 1/1.8", 1/1.7", 2/3", 1" sensors, max sensor 1.1".

Features

- Compact design
- Adjustable aperture
- Ultra-high resolution
- High performance with minimized distortion
- Support 1/1.8", 1/1.7", 2/3", 1" sensor, max sensor 1.1"



Common specifications

Mount	C-Mount
Temperature range	10~+50°C
Storage temperature range	20~+60°C

Ordering code: VFA4-<sensor code, e.g. 118 = 1/1.8", 230 = 2/3", 110 = 1", 111 = 1.1">-<resolution MP>M<focal length mm> (as seen in the model list)

Models

Model	Sensor	F.no	Focal length	Field of view H	Field of view V	Field of view D	Distortion
LS-VFA4-230-5M08	2/3"	1:2.8~16	8mm	58.9°	45.9°	70.1°	<0.1%
LS-VFA4-230-5M12	2/3"	1:2.8~16	12mm	39.4°	30.1°	48.1°	<0.1%
LS-VFA4-230-5M16	2/3"	1:2.8~16	16mm	37.8°	30.7°	23.2°	<0.1%
LS-VFA4-230-5M25	2/3"	1:2.8~16	25mm	23.3°	18.7°	14.1°	<0.1%
LS-VFA4-230-5M35	2/3"	1:2.8~16	35mm	17.3°	13.7°	10.2°	<0.15%
LS-VFA4-230-5M50	2/3"	1:2.8~16	50mm	13.2°	10.6°	8°	<0.05%
LS-VFA4-111-20M16	1.1"	1:2.4~16	16mm	55.7°	46.1°	35.5°	<0.3%
LS-VFA4-111-20M25	1.1"	1:2.4~16	25mm	37.3°	30.3°	23.1°	<0.2%
LS-VFA4-111-20M35	1.1"	1:2.4~16	35mm	26.3°	21.5°	16.3°	<0.1%
LS-VFA4-111-20M50	1.1"	1:2.4~16	50mm	19.3°	15.5°	11.6°	<0.1%
LS-VFA4-111-10M75	1.1"	2.8-F32	75mm	12.2°	9.8°	7.3°	<0.1%

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