

Large-Format Machine Vision lenses

LS-LFL series · Machine vision lenses · 13 models

76", 29 MP, M42-mount Large-Format Machine Vision Lens. 25 mm F2.0 29 megapixel machine vision lens for 1.76" large-format cameras, M42 x 1 mount, <1.5% distortion.



Features

- High resolution: 29 megapixel, covers 8K and 1080P
- Large format: 1.76" cameras
- Mount: M42
- Low distortion: <1.5%, for FA machine vision

Applications

- Automation
- Machine vision
- Medical
- Life science
- ITS
- SMT

Models

Model	Resolution	Format	Focal length	Aperture	Distortion	Size	Mount
LS-SMV2520M42-29M	29 Megapixel	1.76"	25 mm	F2.0 Manual Iris	<1.5%	dia. 64 x 109	M42 x 1
LS-SMV3502F-29M	29Megapixel (up to 5 μ)	dia. 45	35 mm	F2.8	<0.4%	dia. 61 x 81.5 mm (max)	F
LS-SMV3503F-29M	29 Megapixel	dia. 45	35 mm	F2.8 Manual Iris	<0.5%	dia. 69 x 74.7	F
LS-SMV4010F-29M	29 Megapixel (up to 5 μ)	dia. 43	40 mm	F2.8-22	<0.2%	dia. 73 x 89.15 mm	F
LS-SMV5001F-29M	29 Megapixel	dia. 43	50 mm	F2.8	0.2% (M.O.D.=1 m)	dia. 56.8 x 35.6 mm	F / M58 / M42
LS-SMV5001F-65M	65 Megapixel	-	50 mm $\pm$ 5%	F3.6-22	-	dia. 65 x 152.7 mm	M58 x P0.75
LS-SMV5015F-29M	29 Megapixel	-	50 mm $\pm$ 5%	F2.8-22	-	dia. 62 x 77 mm	F
LS-SMV6016F-29M	29 Megapixel (up to 5 μ)	dia. 64	60 mm	F4.0	<0.12%	dia. 70.5 x 57.3 mm	F
LS-SMV8001-65M	65 Megapixel	-	80 mm $\pm$ 5%	F3.6-22	-	dia. 69.8 x 133.5 mm	M58 x P0.75
LS-SMV8003F-29M	29 Megapixel (up to 5 μ)	dia. 58	80 mm	F5.6	<0.01%	dia. 57 x 91 mm	F
LS-SMV9001AF-65M	65 Megapixel	-	90 mm	F4.0-16	0.01%	dia. 72 x 91.05 mm	F
LS-SMV9005F-29M	29 Megapixel	-	90 mm	F4.0-16	<0.01%	dia. 68 x 134.95 mm	F
LS-SMV9015F-65M	65 Megapixel	-	90 mm	F4.0-16	0.05%	dia. 72 x 95 mm	F

More values per model (Angle of view (1.76", DxHxV), M.O.D., Filter thread, Weight, Back focus, FOV, Focus distance, Magnification / working distance, F-number range, Mount adapter, Magnification / W.D., Filter size...) are on each product page.

Dimensions

