

Motorized-Focus lenses

LS-MFL series · Machine vision lenses · 9 models

2", 25 MP, C-mount
Motorized-Focus Lens.
Random-access
autofocus system: one
command or key press
focuses the lens
automatically, for any
scene and inspected
object, giving a stable,
consistent sharp image;
supports mainstream
industrial cameras and
servo drivers through a
cross-platform SDK.



Features

- Quick: one command or key press completes autofocus
- Accurate: consistent focus every time
- Easy: no training or experience needed
- Flexible: refocus with one key when working distance or object changes; alert function
- Random & multi-inspection: mixed, real-time and mobile inspection
- Compatible & extended: mainstream cameras and servo drivers, SDK for third-party systems

Applications

- Industrial machine vision inspection

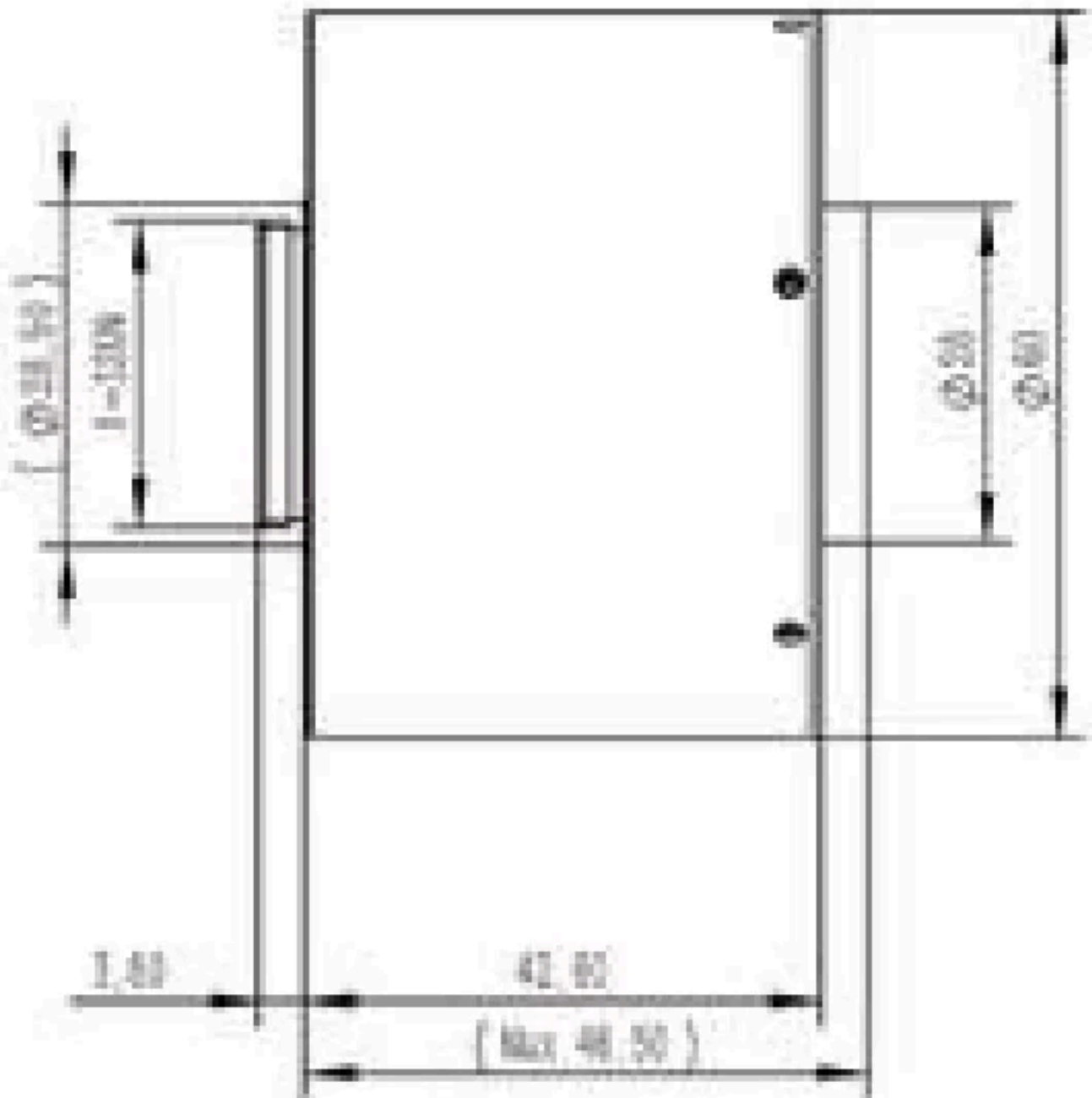
Common specifications

Mount C

Models

Model	Focal length	Format	Resolution	Distortion	Aperture	Operating temperature	Angle of view (2/3", DxHxV)
LS-S12AF-RC2120-25M	21 mm	1.2" (19.3)	25 MP	0.1%	F2.0	-20 to +70 °C	29.7 x 23.7 x 17.9 deg
LS-S12AF-RC3524-25M	35 mm	1.2" (dia. 19.3)	25 MP	0.06%	F2.4-16	-20 ~ +70 °C	17.1 x 13.6 x 10.2 deg
LS-SAF-RC0920-5M	9 mm	2/3" (dia. 13 mm)	5 MP	<0.3%	F2.0	-20 to +70 °C	63.5 x 52.5 x 40.5 deg
LS-SAF-RC1218-5M	12 mm	2/3" (dia. 13 mm)	5 MP	<0.1%	F1.8	-20 to +70 °C	50.7 x 40.3 x 30.8 deg
LS-SAF-RC1620-10M	16 mm	2/3" (dia. 13 mm)	10 MP	<0.1%	F2.0	-20 to +70 °C	38.2 x 29.6 x 24.2 deg
LS-SAF-RC2520-10M	25 mm	2/3" (dia. 11)	10MP	< 0.1%	F2.0	-20~+70°C	23.0 x 18.5 x 14.0 deg
LS-SMZ-MV1620-10M	16.0 +/-0.3 mm (at 0.20 m)	2/3"	10MP	< -0.1%	F2.0	-20~+70°C	36.5 x 29.6 x 22.5 deg
LS-SMZ-MV2520-10M	25.0 +/-0.3 mm (at 0.25 m)	2/3"	10MP	< -0.1%	F2.0	-20~+70°C	23.0 x 18.5 x 14.0 deg
LS-SRC-MF2520M-10M	25.0 +/-0.3 mm	2/3"	10MP	< -0.1%	F2.0	-20~+70°C	23.0 x 18.5 x 14.0 deg

More values per model (Alias, Mechanical back focal length, M.O.D., Filter thread, Iris control, Focus control, Interface, Angle of view (1.2", DxHxV), Angle of view (1", DxHxV), Size, Aperture range, Focus range...) are on each product page.



Product views

