

liquid FA lens (autofocus)

LS-RT-L series · Lenses · 4 models

Autofocus lens with the self-developed random (unordered) autofocus system: in a very short time it automatically focuses for any environment, scene and object, giving the following process steps stable, high-precision, consistent sharp images.

Features

- Quick: one command or one key press completes autofocus, several to hundreds of times faster than manual adjustment, especially when restarting after maintenance
- Accurate: every focus result is consistent and accurate, removing human adjustment error and subjective judgement
- Easy: no training needed; not dependent on operator experience or skill
- Flexible: one key refocuses when the working distance, object or environment changes; supports condition monitoring and alerts
- Random & multi-inspection: one machine can inspect several or mixed products, real-time and mobile inspection, not limited by object shape or size
- Compatible & extended: supports mainstream industrial cameras and servo drivers; cross-platform SDK for third-party systems and platforms; customisation available

Applications

- Laboratory testing, commissioning, deployment and acceptance
- 7 x 24 operation, routine and shutdown maintenance, retrofits and upgrades



Common specifications

Iris	Fixed
Focus	Motorized
Control interface	Micro USB
Input voltage	4.5-5.5V
Input current	<50mA
Filter size	M34 x 0.5

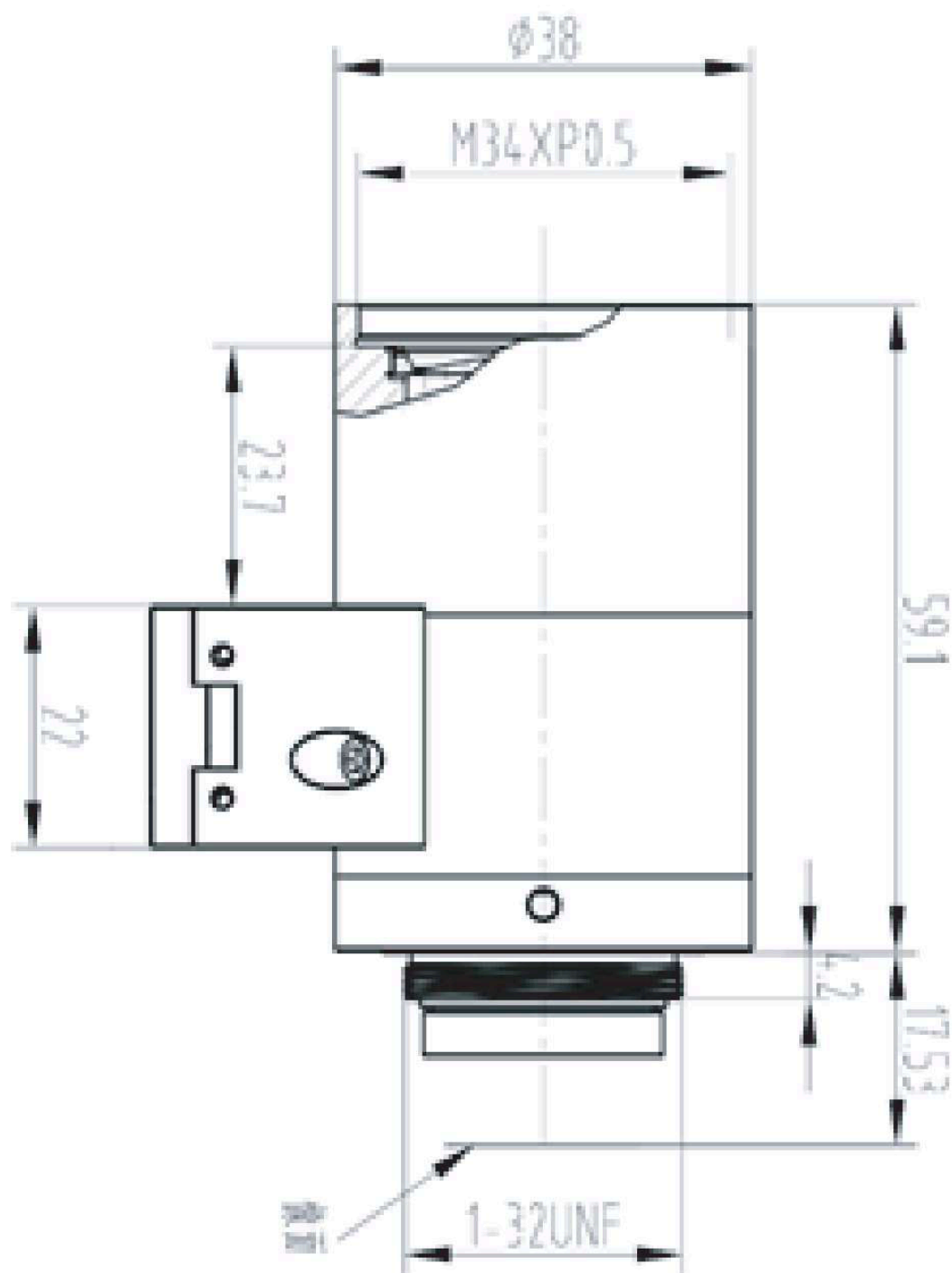
Ordering code: Two codes per lens: LS-RT-L-<format code>FA<focal><F-number> and S<format>AF-L<focal><F-number>-<resolution>

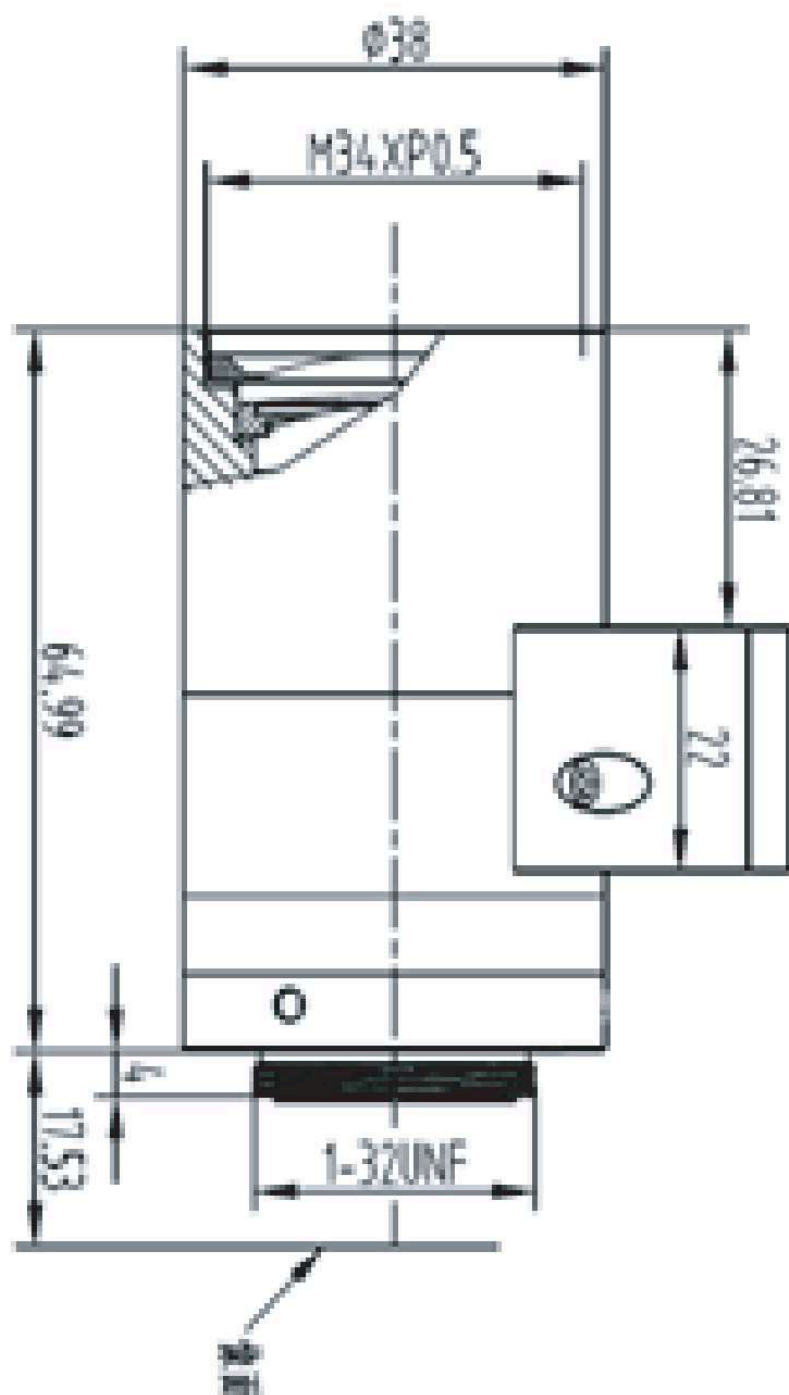
Models

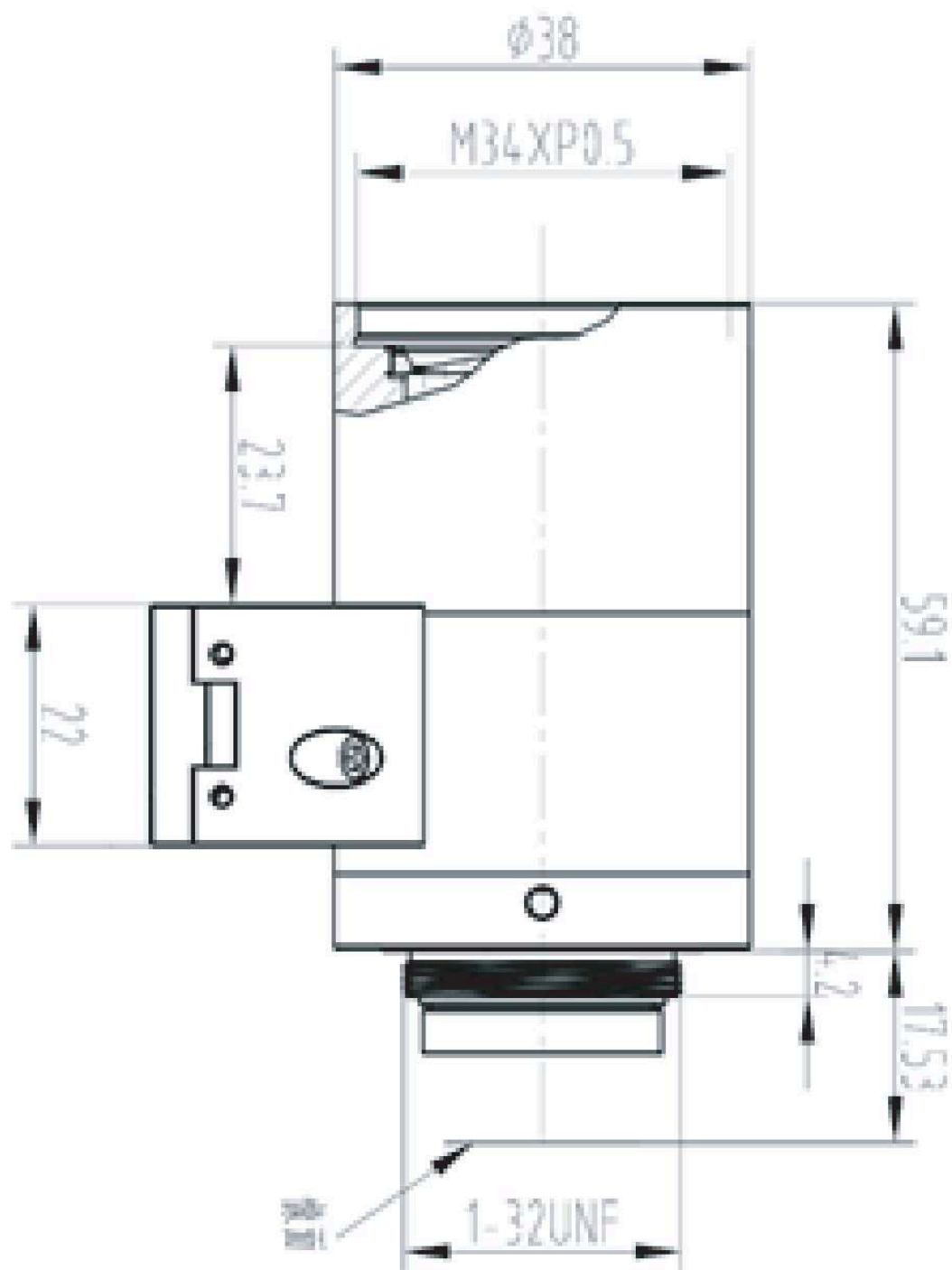
Model	code	Focal length (EFL)	Format	Distortion	Aperture	Focus range (MOD)	Sensor format
LS-S11AF-L1604-10M	LS-RT-L-11FA1604	16mm	1.1" (17.6)	<2%	F4	100-∞	1.1"
LS-S11AF-L1856-10M	LS-RT-L-11FA1856	18mm	1.1 (17.6)	<0.5%	F5.6	100-2000mm	1.1"
LS-S11AF-L3563-10M	LS-RT-L-11FA3563	35mm	1.1 (17.6mm)	<0.2%	F6.3	250-1000mm	1.1"
LS-S12AF-L7587-10M	LS-RT-L-12FA7587	75mm	1.2" (19mm)	<0.5%	F8.7	200-500mm	1.2"

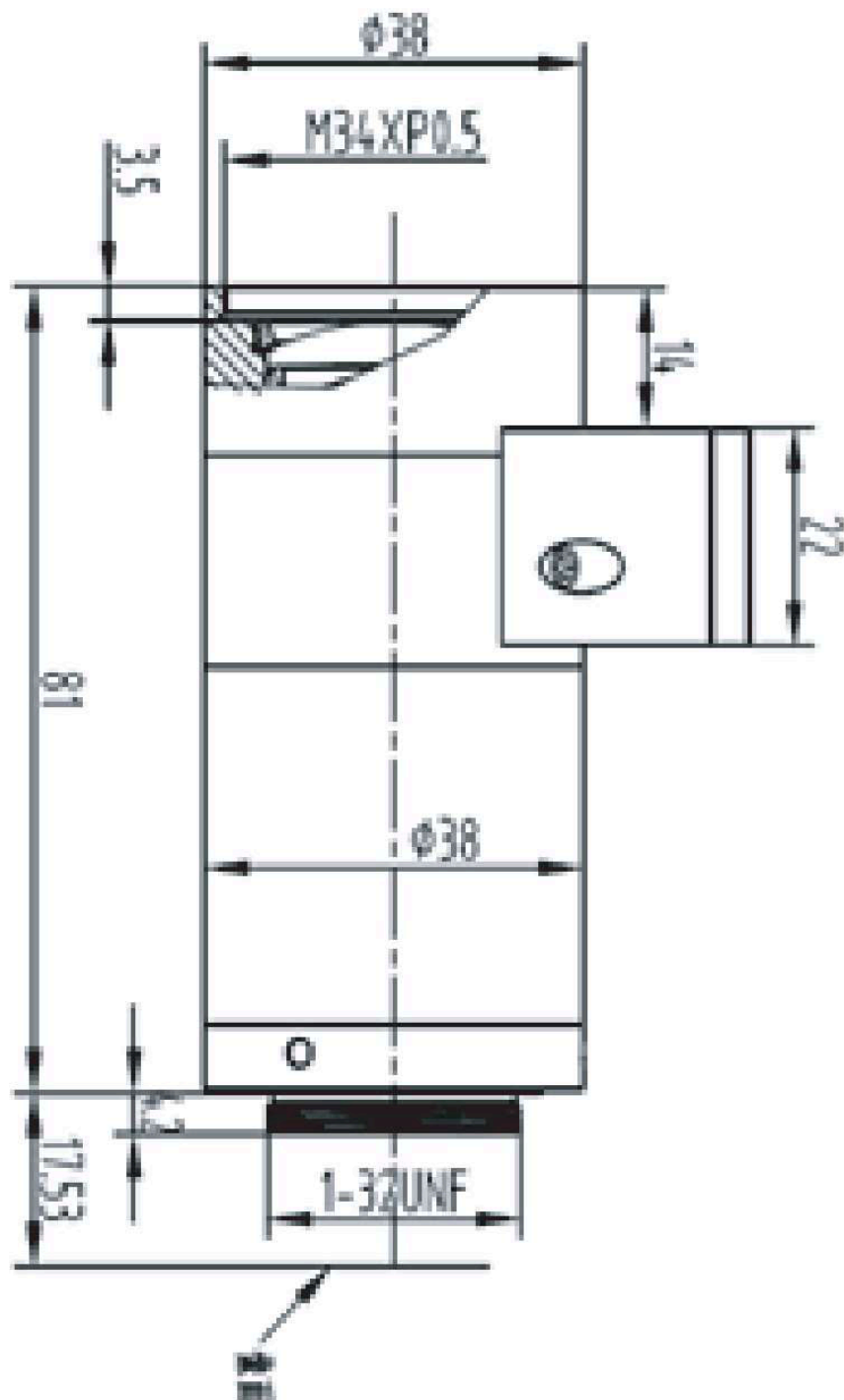
More values per model (Resolution, Mount, FOV 1.1", FOV 2/3", Catalog label, Field of view, Working distance (mm), FOV 1.2", FOV 1") are on each product page.

Dimensions









Product views

