

autofocus FA lens, motorized iris and focus

LS-RC series · Lenses · 3 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	Motorized
Focus	Motorized
Control interface	USB
Working temperature	20 °C ~ +70 °C

Ordering code: Two codes per lens: LS-RC-M-<format code>FA<focal><F-number> and S/SAF-RC<focal><F-number>-<resolution>

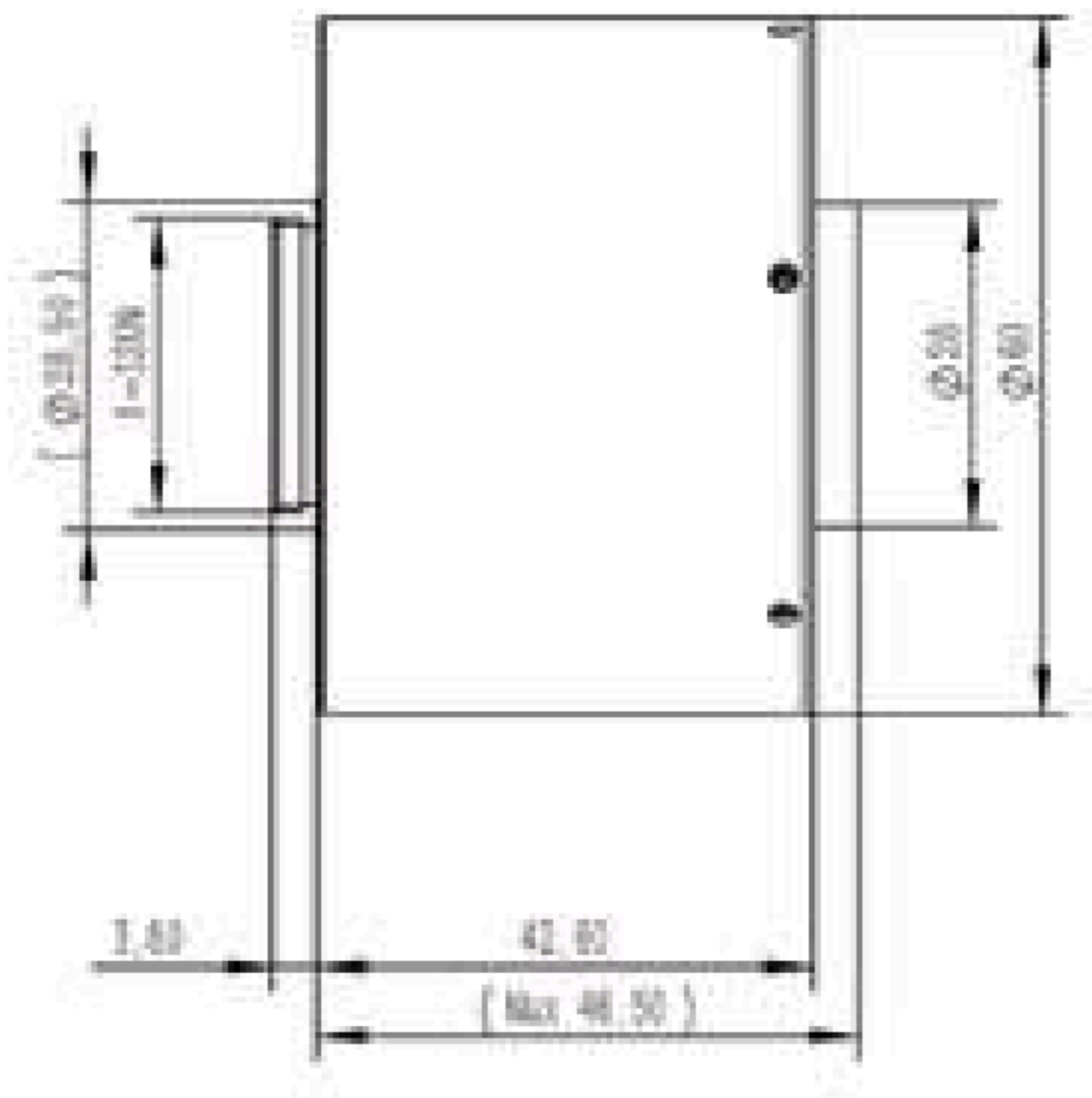
Models

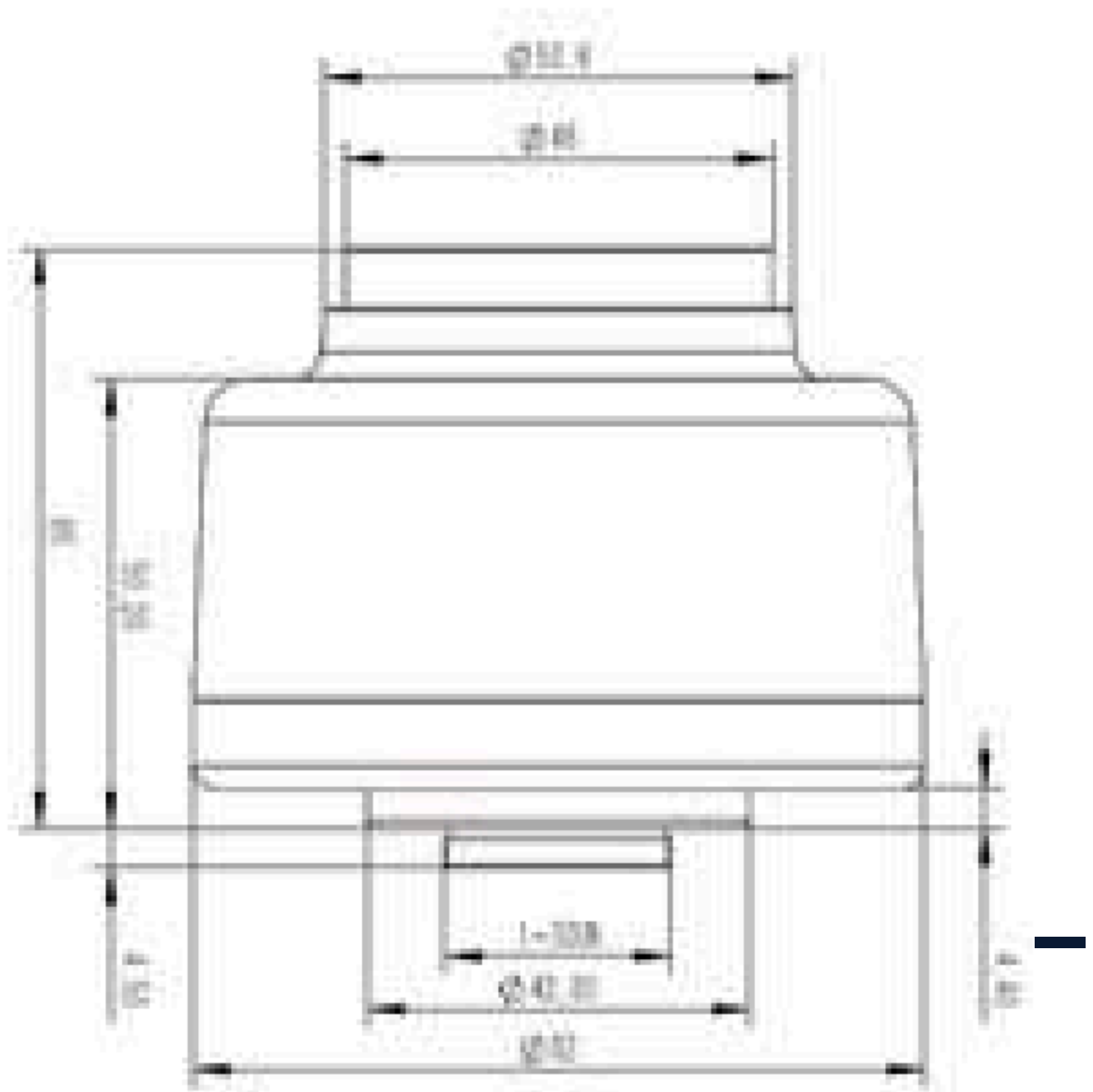
Model	code	Focal length (EFL)	Format	Resolution	Distortion	Mechanical back focus (MBF)	Aperture
LS-S12AF-RC2120-25M	LS-RC-M-12FA2120	21mm	1.2" (19.3)	25MP	0.1%	12.288mm	F2.0
LS-SAF-RC0920-10M	LS-RC-M-23FA0920	9mm	2/3" (13)	5MP	<0.3%	10.393mm	F2.0
LS-SAF-RC1218-10M	LS-RC-M-23FA1218	12mm	3/4" (13)	5MP	<0.1%	12.818mm	F1.8

More values per model (Mount, Focus range (MOD), Filter size, Dimension, FOV 1.2", FOV 1", FOV 2/3", Catalog label, Sensor format, Field of view, FOV 1/1.8", FOV (format not printed) row 1...) are on each product page.

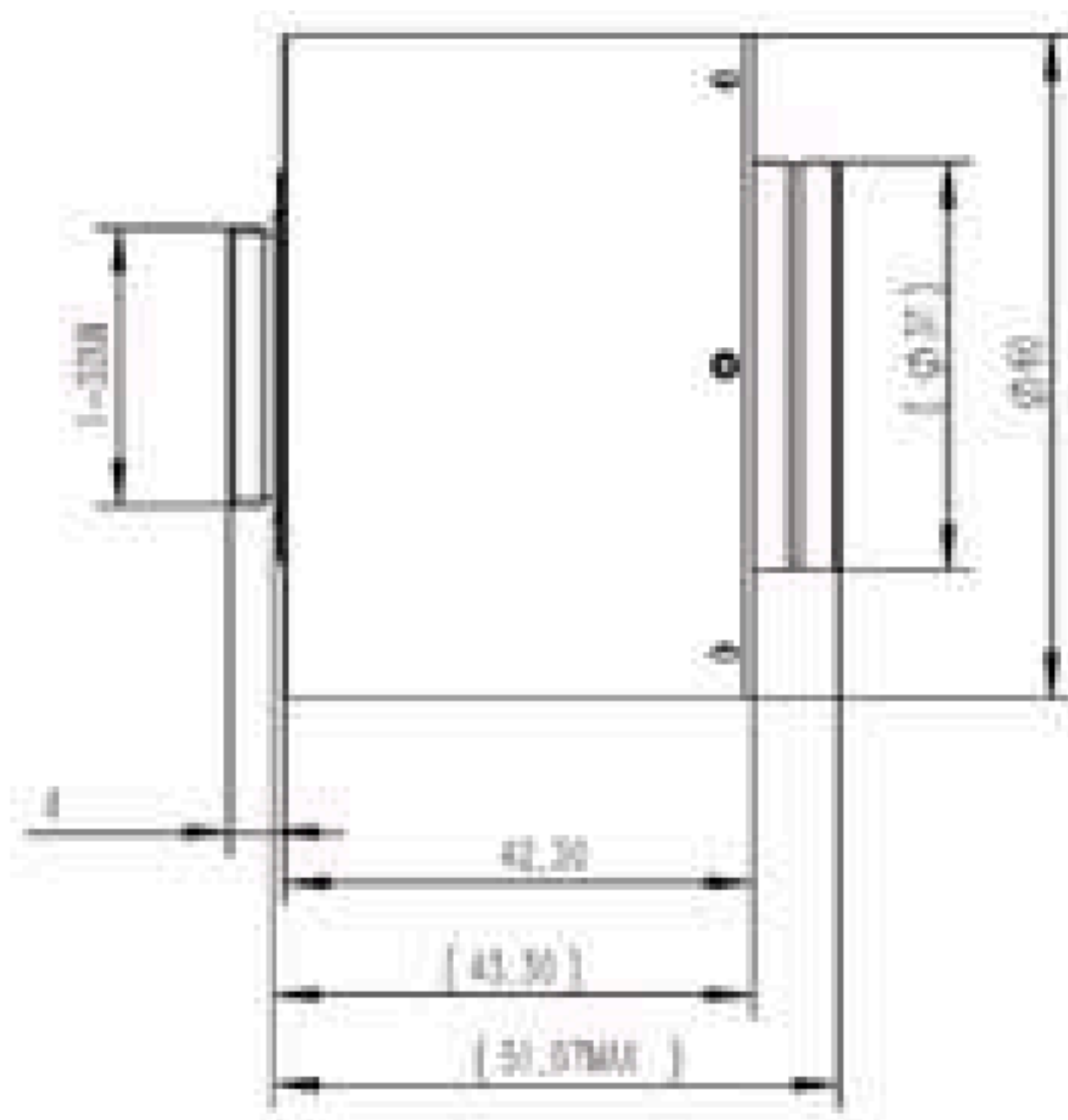
Dimensions











Product views

