

Liquid telecentric series (VXL)

LS-VXL series · Lenses · 5 models



VXL liquid telecentric lenses focus electrically within 20 ms and work normally under very low voltage. Without mechanical displacement of the lens, the centre of curvature always stays at the centre of the optical axis, giving high efficiency, high accuracy, high telecentricity and low distortion.

Features

- Focus electrically, focus within 20 ms, and work normally under very low voltage
- Without mechanical displacement of the lens, the center of curvature is always at the center of the optical axis
- High efficiency, high accuracy, high telecentricity and low distortion
- High stability and easy maintenance
- Can quickly adjust the working distance and replace traditional mechanical changes
- Each lens of the VXL series is precisely adjusted and comprehensive test reports are provided

Applications

- Industrial high-end detection and precision measurement equipment
- Medical and biological high-definition image detection equipment
- Industrial detection and measurement occasions with height difference

Common specifications

Distortion (% max)	<0.1
Telecentricity (° max)	<0.1
Mount	C-Mount

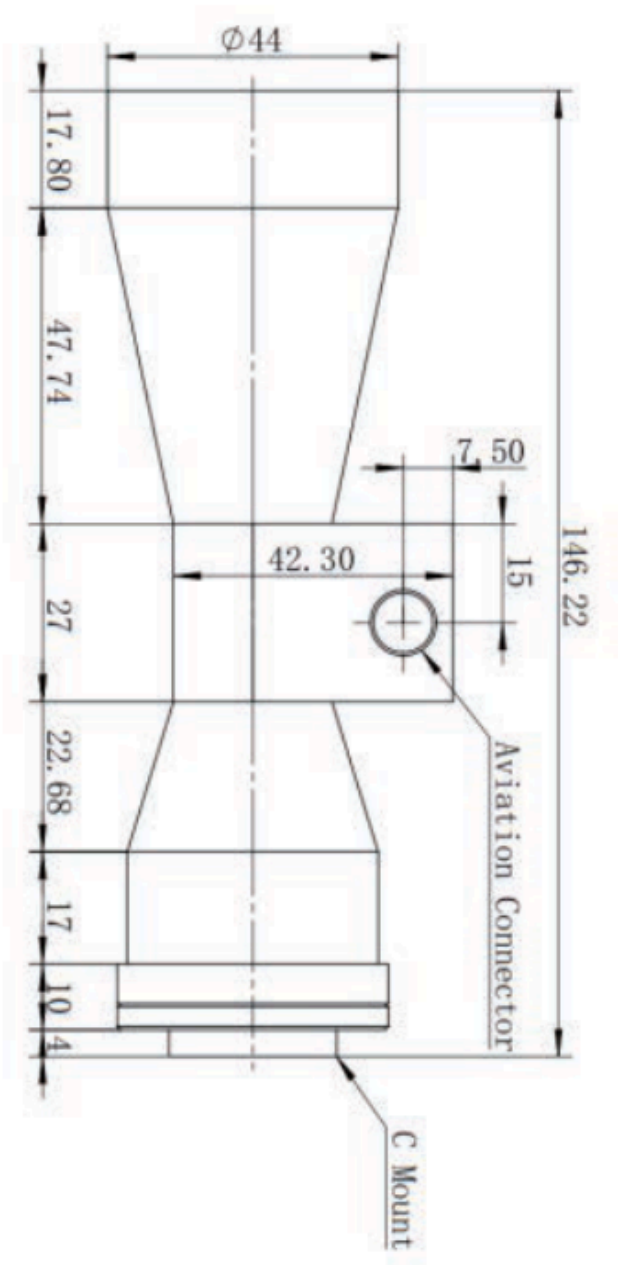
Models

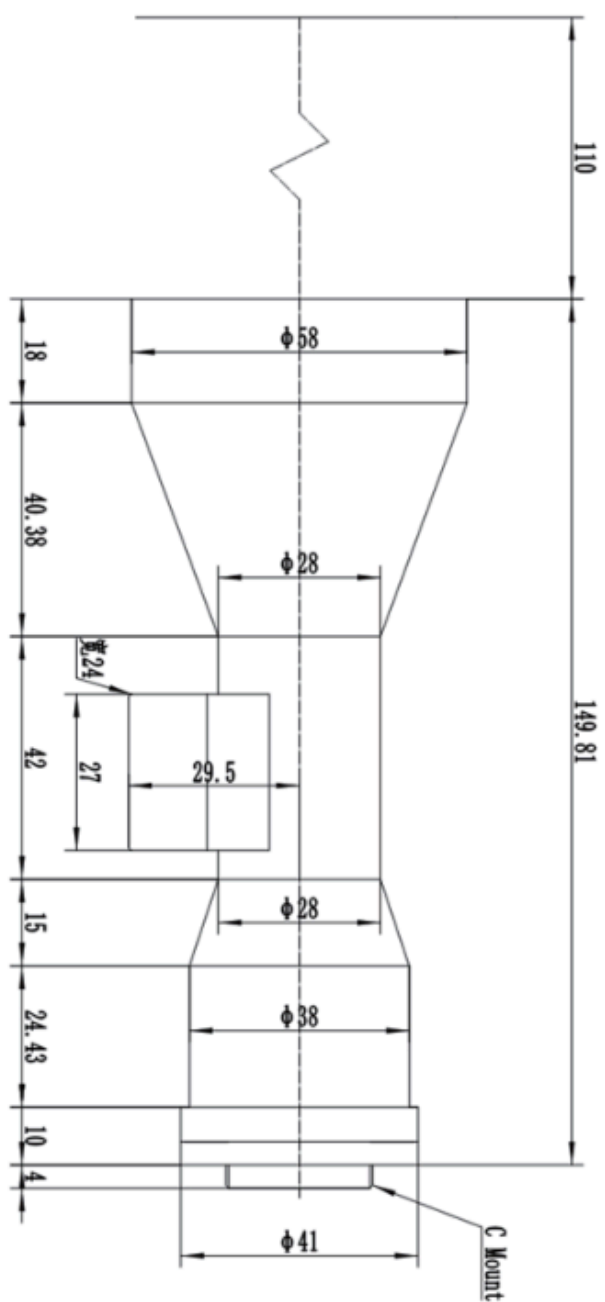
Model	Magnification (x)	Working distance (mm)	Max sensor size (dia. mm)	F/#	MTF30 (lp/mm)	Depth of field (mm)	I/O (mm)
LS-VXLD04-110-230	0.4	100-120	11.4(2/3")	8	40	±2	249.8-269.8
LS-VXLD04-110-111	0.4	100-120	18.4(1.1")	8	107	±3	249.8-269.8
LS-VXLD08-110-111	0.8	104-116	18.4(1.1")	16	70	±1	242.2-254.2
LS-VXLI20-65-111	2	50-70	18.4(1.1")	16	/	±1.5	202.99-222.99

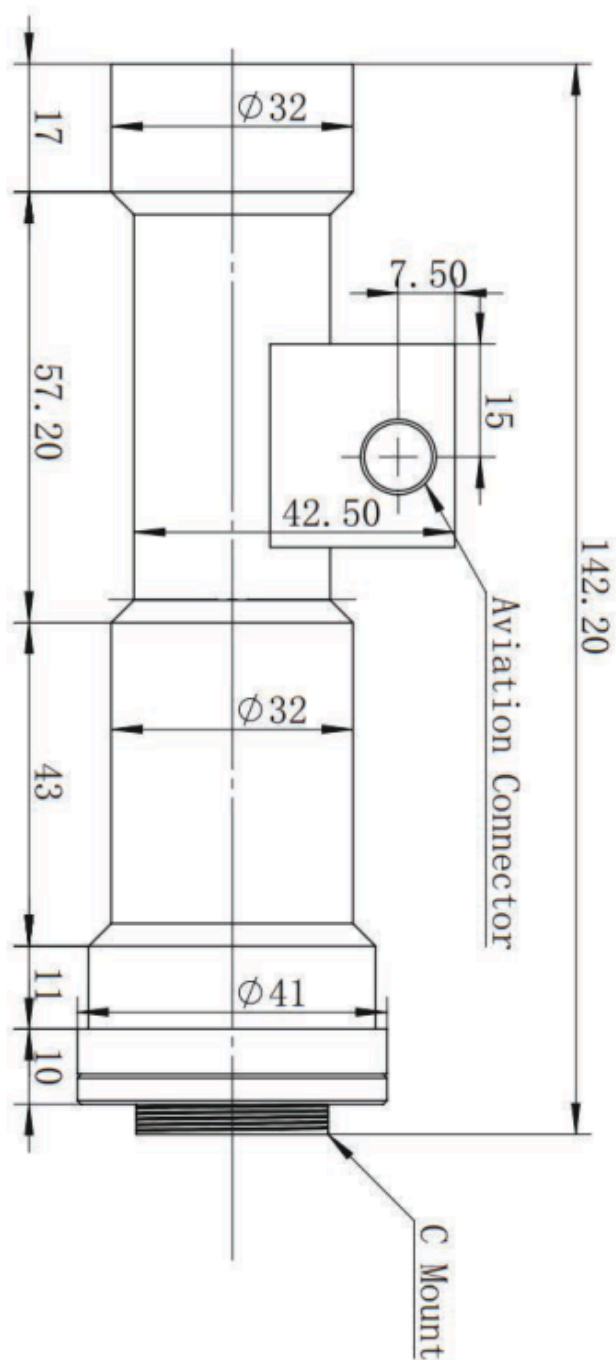
LS-VXLMS1X5-20C-230	15	19-22	11.4(2/3")	/	37	/	191.55-194.55
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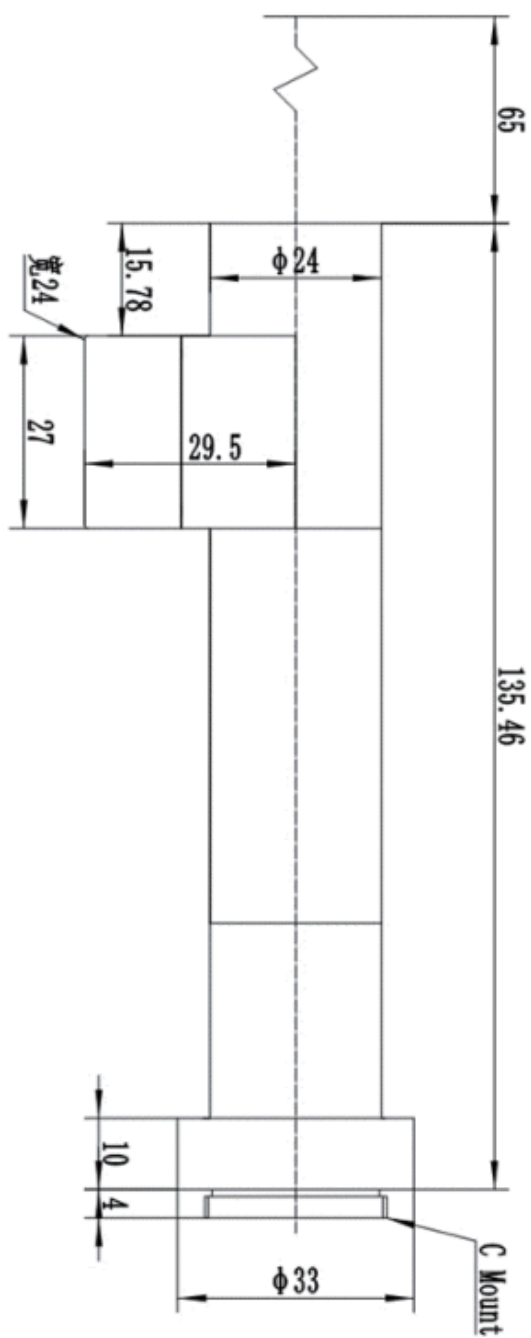
More values per model (Length (mm), Weight (kg), Coaxial light, Field of view on 2/3" ICX625/655(8.45x7.07) (mm x mm), Focus, Sensor format, Aperture, Field of view on 1.1" IMX304(14.13x10.6) (mm x mm)) are on each product page.

Dimensions









Product views

