

Macro/megapixel telecentric lens, WD 110 mm

LS-VDH-110 series · Telecentric lenses · 18 models



Full range of object-side telecentric fixed-magnification lenses with multiple working distances, magnifications and CCD sizes to select. High contrast, low distortion and high resolution in a compact design, with coaxial illumination options.

Features

- Full range of object-side telecentric fixed magnification lenses
- Multiple working distances / magnifications / sensor sizes for selection
- Supports all kinds of megapixel cameras
- High contrast, low distortion, high resolution
- Compact design with coaxial illumination options
- Full range of object side telecentric fixed magnification lenses, with multiple working distances / magnifications / CCD sizes for selection
- Perfect image and supports all kinds of megapixel cameras
- High contrast, low distortion, high resolution, compact design with coaxial illumination options

Applications

- High-precision visual positioning
- High-precision visual positioning and similar applications

Common specifications

WD (mm)	110
Max sensor size (mm)	11.0(2/3")
Mount	C-mount
Working distance (mm)	110
Max sensor size (dia. mm)	11.0(2/3")

Ordering code: VDH<magnification x10>-<WD mm><C = with coaxial light>-<sensor code, 230 = 2/3"> (e.g. LS-VDH20-110C-230: 2.0x, WD 110 mm, coaxial light, 2/3")

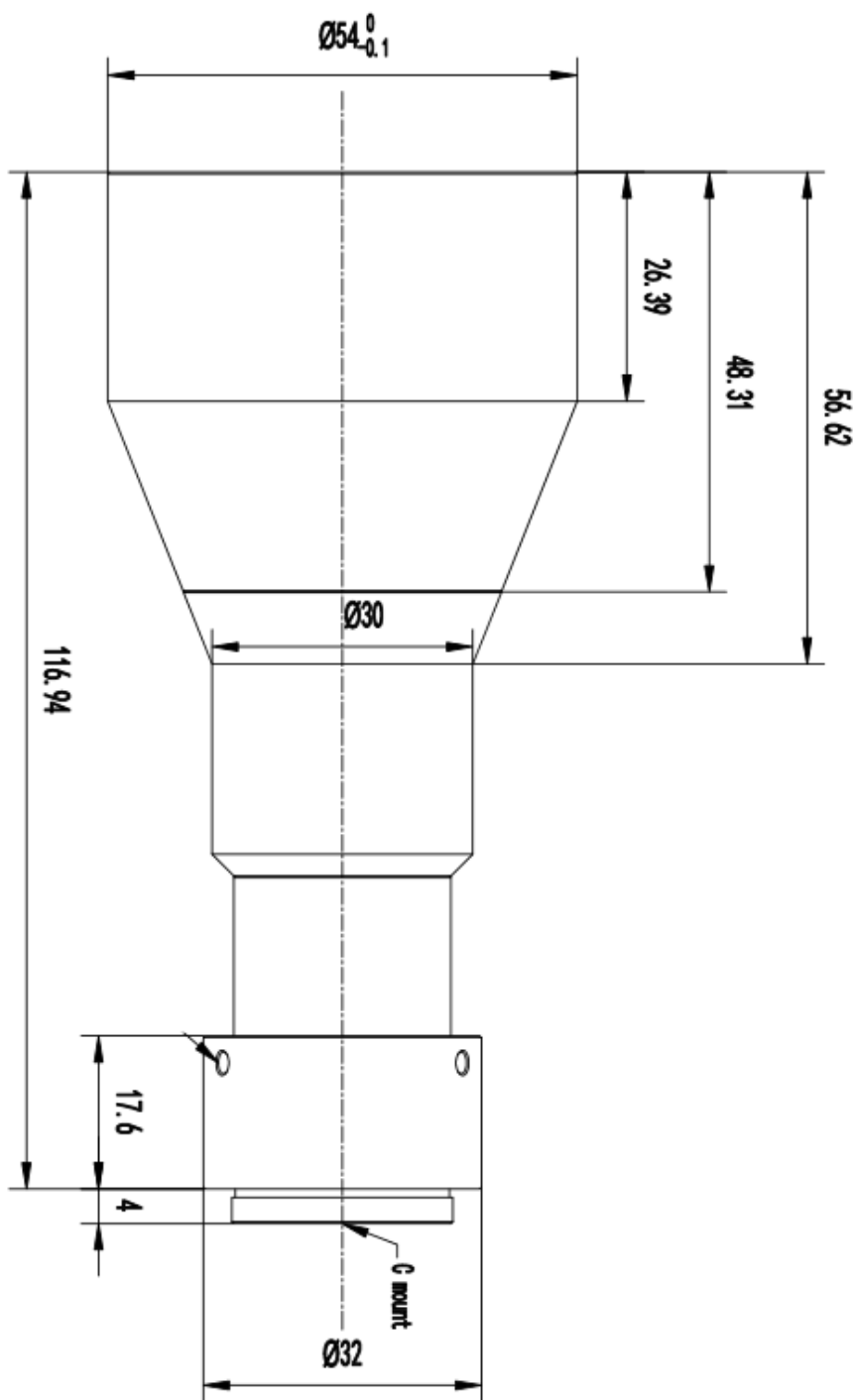
Models

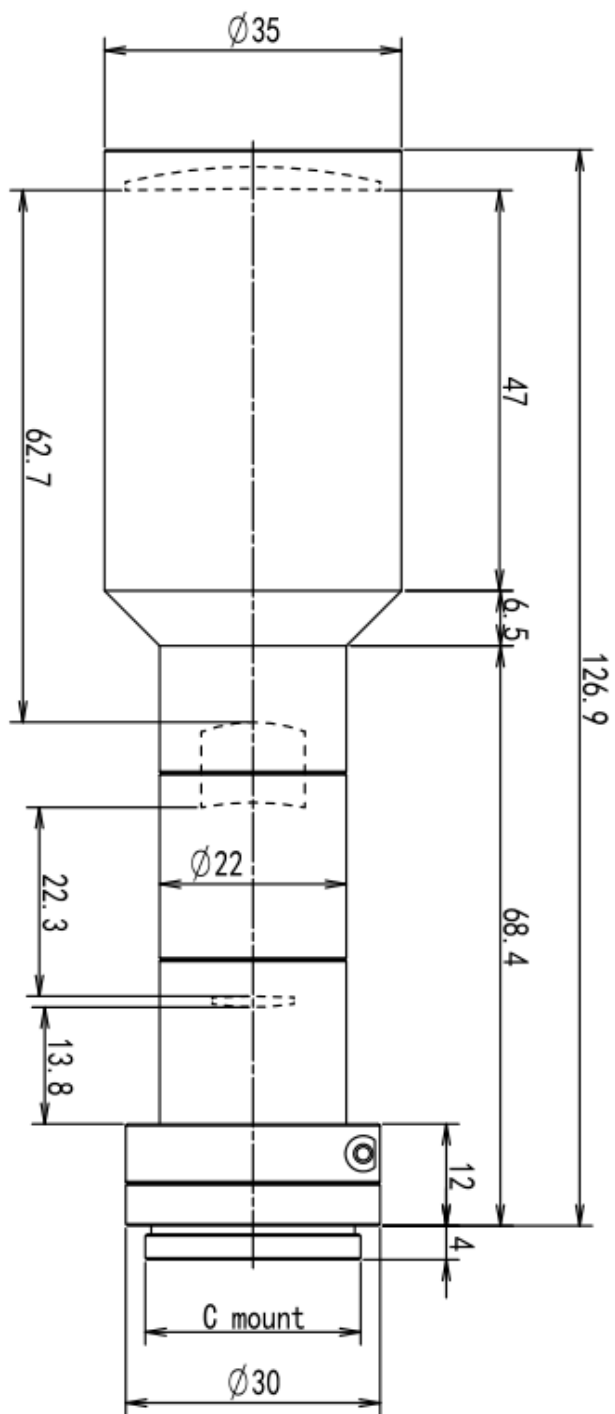
Model	Mag. (x)	WFNO	Distortion (% max)	Resolution (um)	DoF (mm)	Length (mm)	Coaxial light
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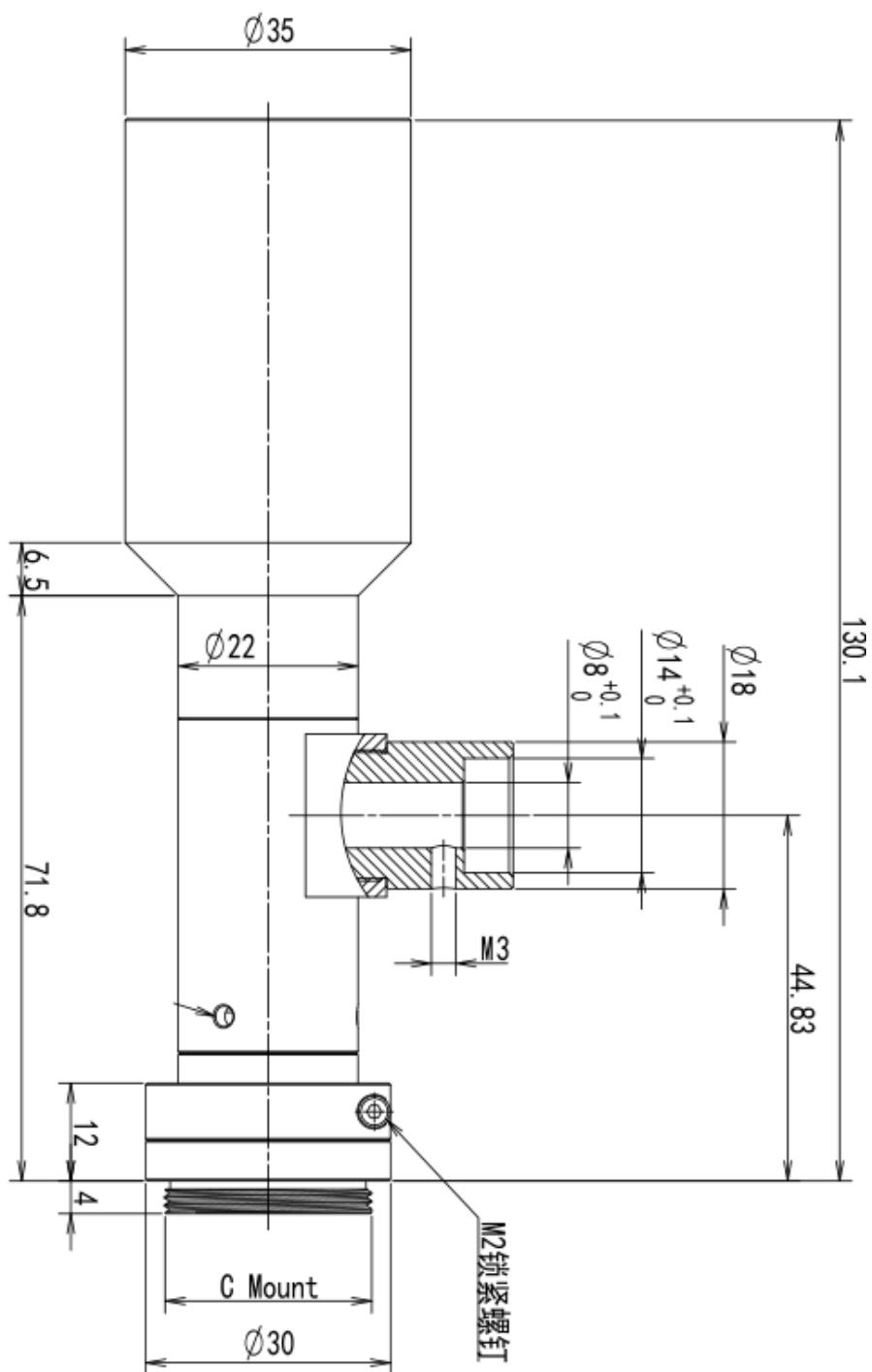
LS-VDH03-110-230	0.3	5.6	<0.02	3.75	0.5	116.94	No
LS-VDH03-110C-230	0.3	5.6	<0.02	3.75	0.5	120.47	Yes
LS-VDH05-110-230	0.5	9.6	<0.05	11	1	126.90	No
LS-VDH05-110C-230	0.5	9.6	<0.05	11	1	130.10	Yes
LS-VDH08-110-230	0.8	11	<0.05	6.25	1	117.79	No
LS-VDH08-110C-230	0.8	11	<0.05	6.25	1	121.22	Yes
LS-VDH10-110-230	1	11	<0.05	5	1	130.59	No
LS-VDH10-110C-230	1	11	<0.05	5	1	134.00	Yes
LS-VDH15-110-230	1.5	10	<0.04	5	0.18	128.87	No
LS-VDH15-110C-230	1.5	10	<0.04	5	0.18	134.02	Yes
LS-VDH20-110-230	2	12.2	<0.02	5	0.12	133.44	No
LS-VDH20-110C-230	2	12.2	<0.04	5	0.12	137.73	Yes
LS-VDH30-110-230	3	18.3	<0.02	5	0.08	165.67	No
LS-VDH30-110C-230	3	18.3	<0.04	5	0.08	106.60	Yes
LS-VDH40-110-230	4	22	<0.02	5	0.06	130.71	No
LS-VDH40-110C-230	4	22	<0.02	5	0.06	134.47	Yes
LS-VDH60-110-230	6	38.6	<0.04	5	0.04	155.09	No
LS-VDH60-110C-230	6	38.7	<0.04	5	0.04	113.00	Yes

More values per model (Field of view on 1/2" (6.4x4.8) (mm), Field of view on 1/1.8" (7.13x5.37) (mm), Field of view on 2/3" (8.8x6.6) (mm), Magnification (x), WFNO (working F/#), Resolution (µm), Depth of field (mm), Field of view on 1/2" (6.4x4.8) (mm x mm), Field of view on 1/1.8" (7.13x5.37) (mm x mm), Field of view on 2/3" (8.8x6.6) (mm x mm), Sensor format, Aperture) are on each product page.

Dimensions







Product views

