

Macro/megapixel telecentric lens, WD 65 mm

LS-VDH-65 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)	65
Max sensor size (mm)	11.0(2/3")
Mount	C-mount
Working distance (mm)	65
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")

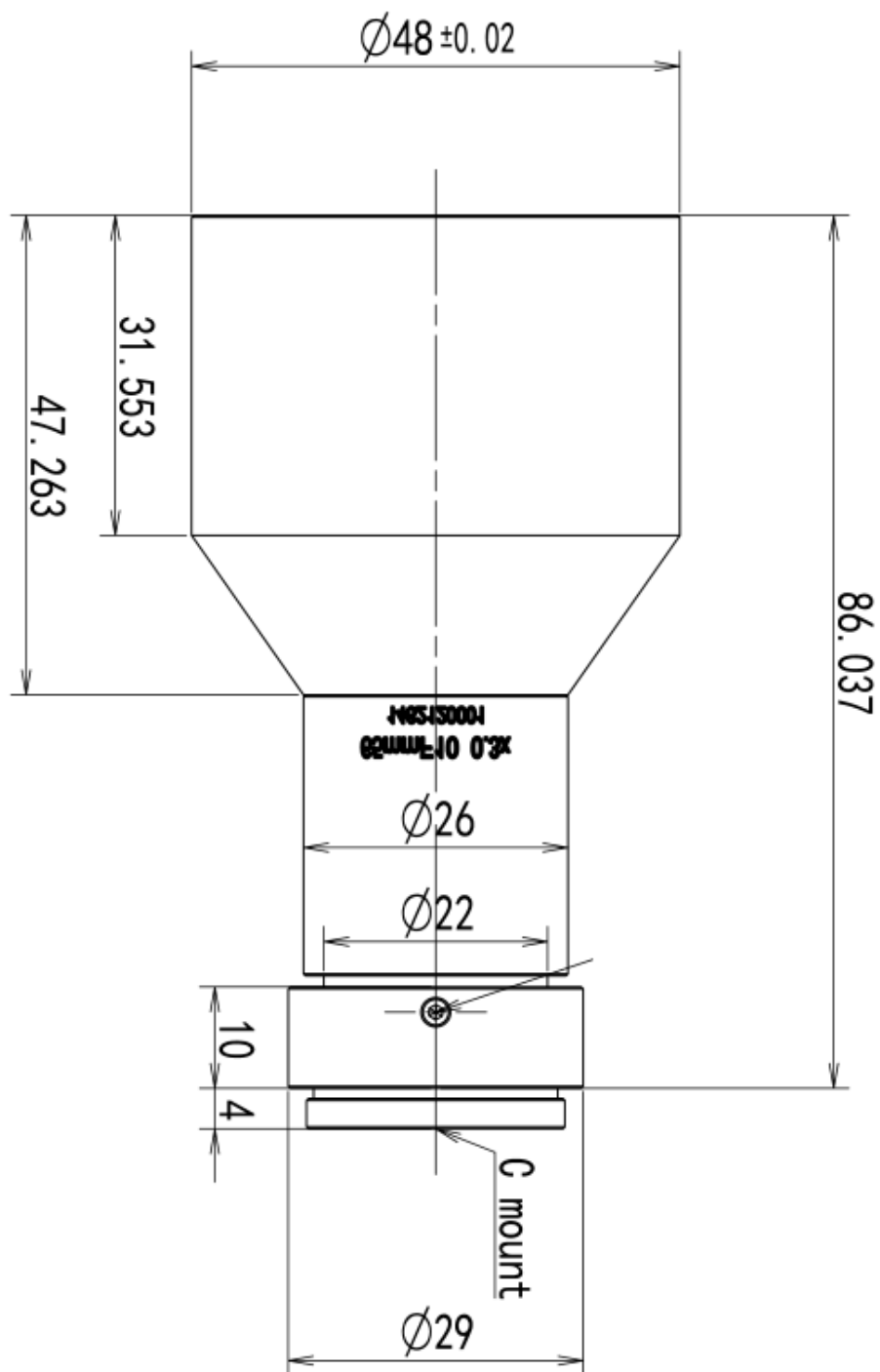
Models

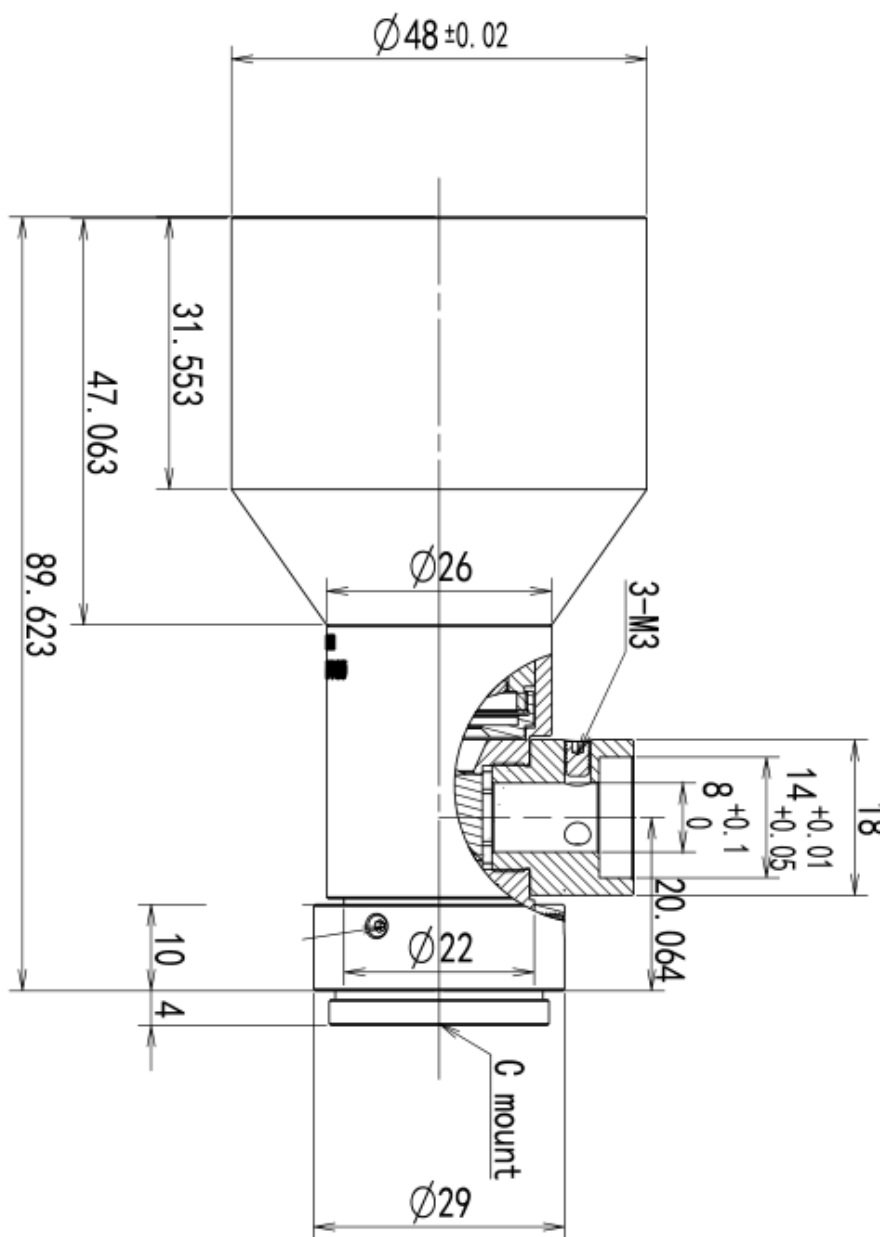
Model	Mag. (x)	WFNO	Distortion (% max)	Resolution (um)	DoF (mm)	Length (mm)	Coaxial light
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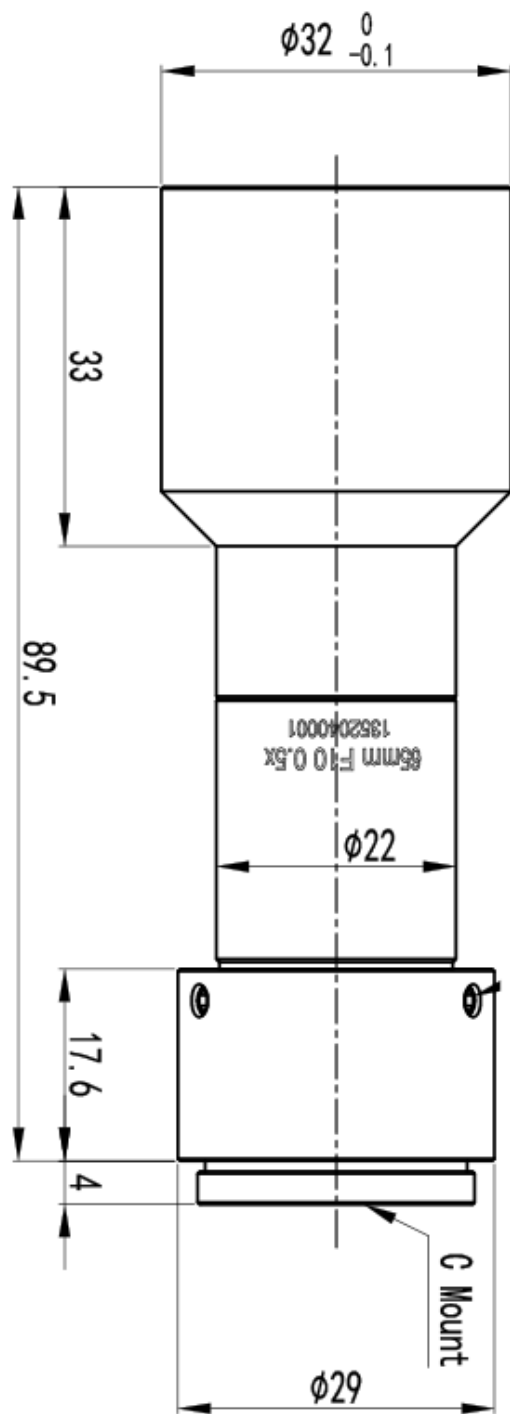
LS-VDH03-65-230	0.3	10	<0.02	5	4.4	86.04	No
LS-VDH03-65C-230	0.3	10	<0.01	5	4.4	89.62	Yes
LS-VDH05-65-230	0.5	10	<0.05	5	0.8	89.50	No
LS-VDH05-65C-230	0.5	10	<0.05	5	0.8	91.90	Yes
LS-VDH08-65-230	0.8	10	<0.05	6.25	2	89.50	No
LS-VDH08-65C-230	0.8	10	<0.05	6.25	2	92.94	Yes
LS-VDH10-65-230	1	11	<0.05	5	1	80.00	No
LS-VDH10-65C-230	1	11	<0.05	5	1	83.50	Yes
LS-VDH15-65-230	1.5	12.5	<0.12	6.25	0.15	75.33	No
LS-VDH15-65C-230	1.5	12.5	<0.12	6.25	0.15	77.47	Yes
LS-VDH20-65-230	2	13.2	<0.03	5	0.13	83.42	No
LS-VDH20-65C-230	2	13.2	<0.03	5	0.13	83.42	Yes
LS-VDH30-65-230	3	20.2	<0.04	5	0.09	84.64	No
LS-VDH30-65C-230	3	20.2	<0.04	5	0.09	88.07	Yes
LS-VDH40-65-230	4	17.9	<0.06	5	0.045	105.47	No
LS-VDH40-65C-230	4	17.9	<0.06	5	0.045	110.61	Yes
LS-VDH60-65-230	6	24.6	<0.05	5	0.027	112.27	No
LS-VDH60-65C-230	6	24.6	<0.05	5	0.027	117.47	Yes

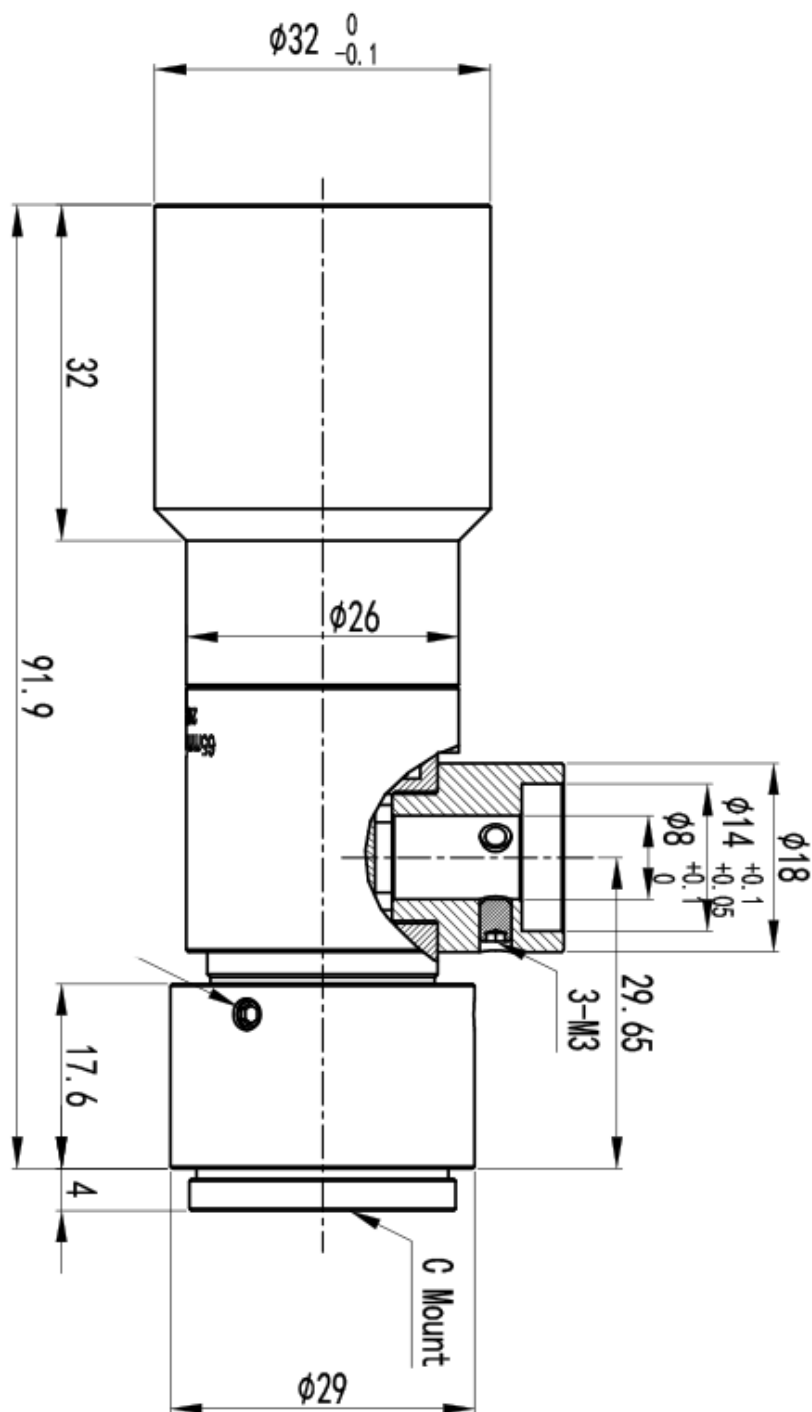
More values per model (Field of view on 1/2" (6.4x4.8) (mm), Field of view on 1/1.8" (7.13x5.37) (mm), Field of view on 2/3" (8.8x6.6) (mm), Magnification (x), WFNO (working F/#), Resolution (μm), Depth of field (mm), Field of view on 1/2" (6.4x4.8) (mm x mm), Field of view on 1/1.8" (7.13x5.37) (mm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

