

H Series Bi-Telecentric lenses

LS-H-BI-TELECENTRIC-LENSES series · Telecentric lenses · 9 models



381x, 40 mm WD, 1/1.8". High resolution with consistent sharpness across the image Low distortion and high telecentricity for high-precision measurement and positioning

Features

- High resolution with consistent sharpness across the image
- Low distortion and high telecentricity for high-precision measurement and positioning
- Supports cameras up to 1/1.8"

Common specifications

Distortion	≤ 0.1%
Connector type	C-Mount
Coaxial light	Not supported
Temperature	-10~50°C
Certification	RoHS2.0

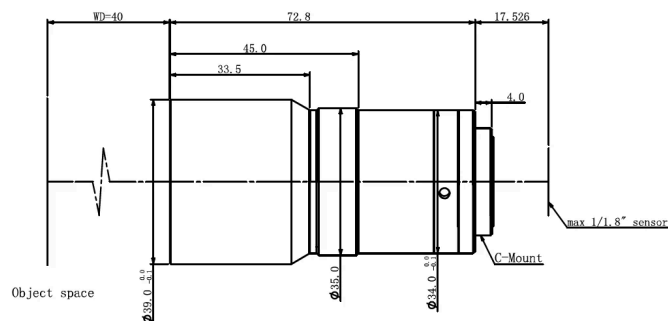
Models

Model	Magnification	Working distance	F-number	Image size	Depth of field	Object-side resolution	Object-side telecentricity
LS-HBT-0381-40	0.381	40 ± 1 mm	F6.8	1/1.8"	±4.4 mm @F16	9.5 μm	≤ 1.2°
LS-HBT-0214-118	0.214	118 ± 3 mm	F4.6	1/1.8"	±9.6 mm @F11	12.0 μm	≤ 0.1°
LS-HBT-0171-118	0.171	118 ± 3 mm	F4.2	1/2.5"	±15 mm @F11	15 μm	≤ 0.1°
LS-HBT-019-118	0.19	118 ± 3 mm	F4.2	1/2"	±12.1 mm @F11	13 μm	≤ 0.1°
LS-HBT-0141-158	0.141	158 ± 3 mm	F4.6	1/1.8"	±22.3 mm @F11	18.2 μm	≤ 0.1°
LS-HBT-0113-158	0.113	158 ± 3 mm	F4.2	1/2.5"	±34.8mm @F11	22.2 μm	≤ 0.1°
LS-HBT-0125-158	0.125	158 ± 3 mm	F4.2	1/2"	±28.2mm @F11	18.2 μm	≤ 0.1°

LS-HBT-0100-178	0.1	178 ± 3 mm	F4.2	1/2.5"	±44 mm @F11	25.7 μm	≤ 0.1°
LS-HBT-009-238	0.09	238 ± 4 mm	F4.6	1/1.8"	±54.3 mm @F11	27.8 μm	≤ 0.1°

More values per model (Dimension) are on each product page.

Performance



Product views

