

K Series Bi-Telecentric lenses

LS-K-BI-TELECENTRIC-LENSES series · Telecentric lenses · 37 models



806x, 110 mm WD, 1.75". 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 1.75"

Common specifications

Distortion	< 0.1%
Object-side telecentricity	< 0.1%
Coaxial light	Not supported
Temperature	-10~50°C
Certification	RoHS2.0

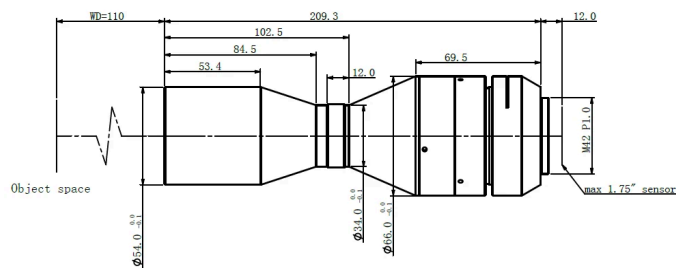
Models

Model	Magnification	Working distance	F-number	Depth of field	Object-side resolution	Image size	Connector type
LS-KBT-0806-110-M42	0.806	110 mm	F13.5	±1.2 @F20	10.4 μm	1.75"	M42-Mount
LS-KBT-0503-48	0.503	48 mm	F6.5	±1.7 @F11	7.7 μm	1"	C-Mount
LS-KBT-0634-45	0.634	45 mm	F6.2	±1.0 @F11	5.8 μm	1.1"	C-Mount
LS-KBT-0708-73	0.708	73 mm	F9.6	±1.6 @F20	9.4 μm	1.1"	C-Mount
LS-KBT-0638-73	0.638	73 mm	F8.7	±1.6 @F16	8.7 μm	1"	C-Mount
LS-KBT-0511-110	0.511	110 mm	F8.7	±3 @F20	11.5 μm	1.1"	C-Mount
LS-KBT-0377-82	0.377	82 mm	F6.5	±3.1 @F11	10.2 μm	1"	C-Mount
LS-KBT-069-118-M42	0.69	118 mm	F11.4	±1.6 @F20	10.4 μm	1.75"	M42-Mount

LS-KBT-046-110	0.46	110 mm	F7.8	±3.0 @F16	10.9 µm	1"	C-Mount
LS-KBT-0438-118	0.438	118 mm	F7.2	±3.3 @F16	11.6 µm	1.1"	C-Mount
LS-KBT-0395-118	0.395	118 mm	F6.5	±4.1 @F16	9.7 µm	1"	C-Mount
LS-KBT-0383-128	0.383	128 mm	F7.2	±4.3 @F16	11.35 µm	1.1"	C-Mount
LS-KBT-0329-138	0.329	138 mm	F6.2	±4 @F11	10.5 µm	1.1"	C-Mount
LS-KBT-0346-128	0.346	128 mm	F6.5	±5.3 @F16	12 µm	1"	C-Mount
LS-KBT-0403-178-M58	0.403	178 mm	F8.5	±3.9 @F16	11.9 µm	1.75"	M58-Mount
LS-KBT-0296-138	0.296	138 mm	F6.5	±7.3 @F16	13 µm	1"	C-Mount
LS-KBT-0288-158	0.288	158 mm	F6.2	±7.8 @F16	11.6 µm	1.1"	C-Mount
LS-KBT-0256-178	0.256	178 mm	F6.2	±6.7 @F11	13.5 µm	1.1"	C-Mount
LS-KBT-0175-160	0.175	160 mm	F8	10.4	24 µm	1.1"	C-Mount
LS-KBT-0322-208-M42	0.322	208 mm	F8.5	±6.1 @F16	15.5 µm	1.75"	M42-Mount
LS-KBT-0259-158	0.259	158 mm	F6.5	±9.5 @F16	15 µm	1"	C-Mount
LS-KBT-0231-178	0.231	178 mm	F6.5	±12 @F16	16 µm	1"	C-Mount
LS-KBT-0363-228-M42	0.363	228 mm	F6.8	±4.9 @F16	10.6 µm	1.75"	M42-Mount
LS-KBT-0230-228	0.23	228 mm	F6.2	±12.1 @F16	15 µm	1.1"	C-Mount
LS-KBT-0208-228	0.208	228 mm	F6.5	±14.8 @F16	17.8 µm	1"	C-Mount
LS-KBT-0204-208	0.204	208 mm	F6.2	±10.5 @F11	17 µm	1.1"	C-Mount
LS-KBT-0184-208	0.184	208 mm	F6.5	±18.9 @F16	20.1 µm	1"	C-Mount
LS-KBT-0184-238	0.184	238 mm	F6.2	±13.0 @F11	23 µm	1.1"	C-Mount
LS-KBT-0166-238	0.166	238 mm	F6.5	±23.2 @F16	21.5 µm	1"	C-Mount
LS-KBT-0167-263	0.167	263 mm	F6.2	±15.8 @F11	20 µm	1.1"	C-Mount
LS-KBT-0153-273	0.153	273 mm	F6.2	±18.7 @F11	22 µm	1.1"	C-Mount
LS-KBT-0138-273	0.138	273 mm	F6.5	±33.4 @F16	25.9 µm	1"	C-Mount
LS-KBT-0122-288	0.122	288 mm	F6.5	±43 @F16	29.3 µm	1"	C-Mount
LS-KBT-0315-350-C	0.315	350 mm	F9.7	±6.5 @F16	22.68 µm	1.75"	C-Mount
LS-KBT-0108-318	0.108	318 mm	F6.2	±37.7 @F11	30.9 µm	1.1"	C-Mount
LS-KBT-0087-330	0.087	330 mm	F6.5	±84.6 @F16	41.1 µm	1"	C-Mount
LS-KBT-0085-372	0.085	372 mm	F6.2	±60.9 @F11	39.5 µm	1.1"	C-Mount

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

Performance



Product views

