

Telecentric lenses

LS-TC series · Telecentric lenses · 18 models

S35DA series high-performance AOI bi-telecentric lens for 35 mm full-frame (44 mm) sensors and 65 / 71 MP cameras: 4x magnification, 11 mm object field, 60 mm working distance, adjustable aperture, near-zero distortion, offered with M42, M58 or M72 mounts and with or without coaxial light.

Features

- Large sensor: supports 35 mm full frame (44 mm) and 65 MP, 71 MP cameras
- Extreme imaging aperture, aberration correction, diffraction-limited resolution
- Adjustable aperture, good telecentricity, near-zero distortion
- Designed for large sensors.
- Supports 35 mm full-frame (44 mm) cameras and 65 MP / 71 MP cameras.
- Extreme imaging aperture, extraordinary aberration correction, diffraction-limited imaging resolution.
- Adjustable aperture, good telecentricity and near-zero distortion for high-quality imaging.

Applications

- AOI (automated optical inspection)



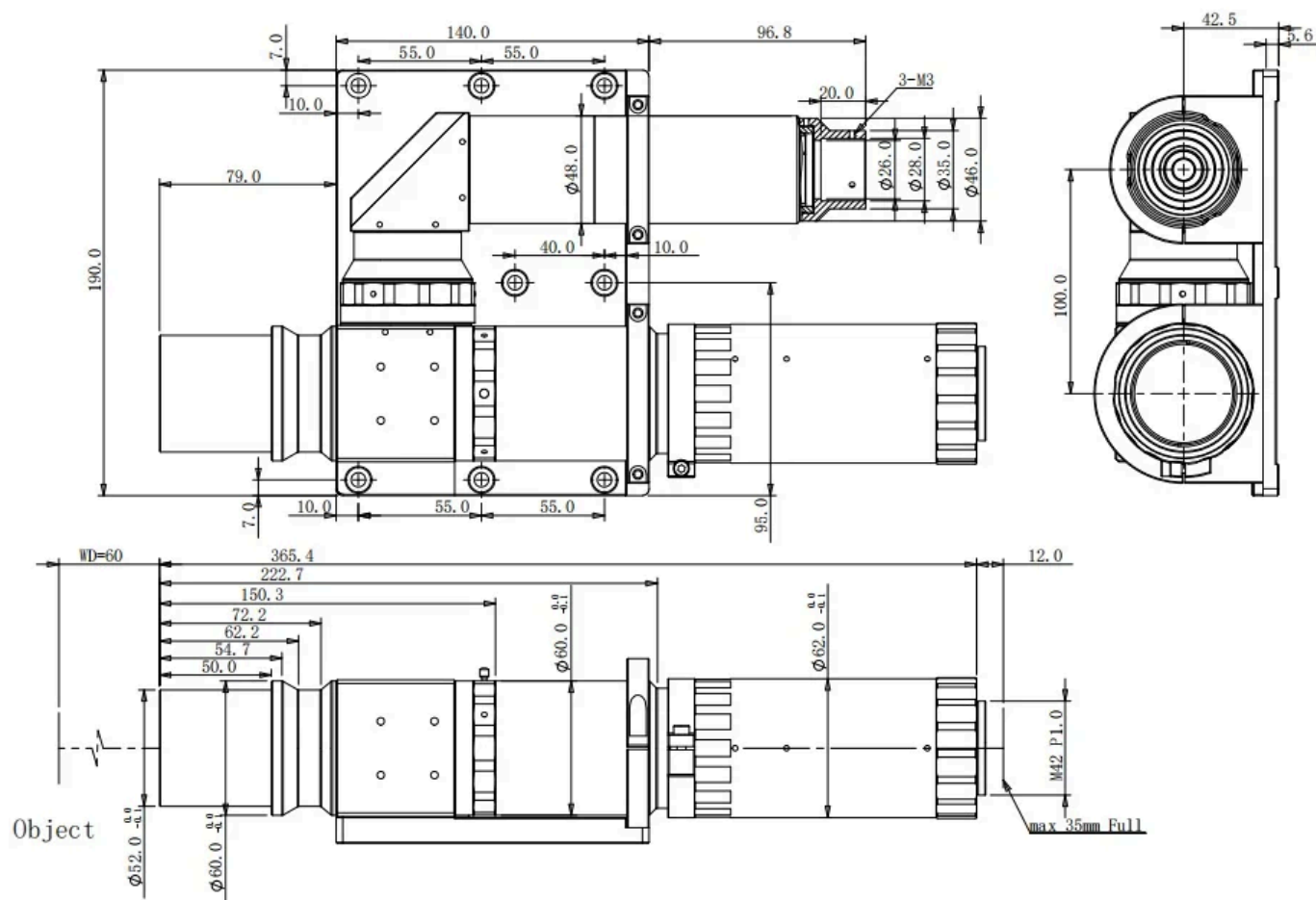
Models

Model	Magnification	Object field of view	Working distance	Max sensor size	Best aperture	Depth of field	Mount
LS-S35DA4X11F60W-M42	4.0x	dia. 11.0 mm	60±1 mm	35Full (dia. 44 mm)	F11-32	0.06-0.16 mm	M42
LS-S35DA4X11F60W-M42140	4.0x	dia. 11.0 mm	60±1 mm	35Full (dia. 44 mm)	F11-32	0.06-0.16 mm	M42
LS-S35DA4X11F60W-M58	4.0x	dia. 11.0 mm	60±1 mm	35Full (dia. 44 mm)	F11-32	0.06-0.16 mm	M58
LS-S35DA4X11F60W-M58224	4.0x	dia. 11.0 mm	60±1 mm	35Full (dia. 44 mm)	F11-32	0.06-0.16 mm	M58
LS-S35DA4X11F60W-M58228	4.0x	dia. 11.0 mm	60±1 mm	35Full (dia. 44 mm)	F11-32	0.06-0.16 mm	M58
LS-S35DA4X11F60W-M72	4.0x	dia. 11.0 mm	60±1 mm	35Full (dia. 44 mm)	F11-32	0.06-0.16 mm	M72
LS-SMM-DM6552	0.5x-2x	-	65 mm	-	-	-	C
LS-SMZ-DM1105	0.5x	-	108.4 ±8 mm	-	-	22 mm	C (1"-32UNF)
LS-SV-DM6552	0.5x-2x	-	65 mm	-	-	-	C
LS-STZ0745-M	-	-	93 +/- 2mm	-	-	-	C / F Mount
LS-STZ0745-MC	-	-	93 +/- 2mm	-	-	-	C / F Mount
LS-STZ0745C-M	-	-	93 +/- 2mm	-	-	-	C / F Mount
LS-STZ0745CF-M	-	-	93 +/- 2mm	-	-	-	C / F Mount
LS-SBIT-F17536	0.806x	dia. 36 mm	110±2 mm	dia. 29 mm (1.75")	F13.5	±1.2 mm @ F20	F or Other
LS-STC11230-48H	0.238x	dia. 48 mm	128±3 mm	dia. 11.4 mm (2/3")	F5.4	±7.7 mm @ F11	C

LS-S11VTC03507X	0.35x~0.7x	-	78±2 mm	-	-	-	C
LS-STC11230-64H	0.178x	dia. 64 mm	158±3 mm	dia. 11.4 mm (2/3")	F4.9	±13.9 mm @ F11	C
LS-STCM110150	0.11x	150 mm	-	-	-	-	-

More values per model (Telecentricity (typ./max), Distortion (typ./max), MTF30, N.A., Object side resolution, Length of I/O, FOV on GMAX3265 (29.9 x 22.4), FOV on CMV50000 (36.43 x 27.62), Length, Iris, Coaxial light, Magnification (x)...) are on each product page.

Dimensions



Product views

