

Telecentric lens series, 1/1.2", C-mount (S14)

LS-TCL-S14 series · Telecentric lenses · 12 models

Working distance 44.3 mm; depth of field 1.4 mm. Rendered illustration: the actual product may differ in appearance.



Common specifications

Sensor format	1/1.2"
Mount	C-mount
Distortion maximum (%)	< 0.1
Distortion typical (%)	< 0.08
Filter thread	No Filter Threads
Image circle	13.3 mm
Lens type	Telecentric
Operating temperature range	0 to 40°C
Storage temperature range	0 to 50°C
Telecentricity maximum	0.10°
Telecentricity typical	< 0.08°

Models

Model	Magnification	Working distance	Depth of field	Dimensions approximate	Fov @ 1.2"	FOV @ 1/1.8"	FOV @ 2/3"
LS-TCL-0223	0.639×	44.3 mm	1.4 mm	125.4 x 37. x 37.7 mm	17.76 x 11.16 mm	11.16 x 8.34 mm	13.3 x 11.1 mm
LS-TCL-0224	0.424×	67.2 mm	3.2 mm	150.2 x 44 x 44 mm	26.77 x 16.82 mm	16.82 x 12.57 mm	20.05 x 16.72 mm
LS-TCL-0225	0.295×	102.6 mm	6.5 mm	177.6 x 61 x 61 mm	38.47 x 24.17 mm	24.17 x 18.07 mm	28.81 x 24.03 mm
LS-TCL-0226	0.222×	132.4 mm	8.4 mm	215.9 x 75 x 75 mm	51.13 x 32.12 mm	32.12 x 24.01 mm	38.29 x 31.94 mm
LS-TCL-0227	0.19×	157.8 mm	11.5 mm	238.7 x 80 x 80 mm	59.74 x 37.53 mm	37.53 x 28.05 mm	44.74 x 37.32 mm
LS-TCL-0228	0.166×	181.9 mm	15 mm	259.8 x 100 x 100 mm	68.37 x 42.95 mm	42.95 x 32.11 mm	51.2 x 42.71 mm
LS-TCL-0229	0.134×	226.8 mm	23.1 mm	305.4 x 116 x 116 mm	84.70 x 53.21 mm	53.21 x 39.78 mm	63.43 x 52.91 mm
LS-TCL-0230	0.114×	278.6 mm	31.9 mm	342.7 x 143 x 143 mm	99.56 x 62.54 mm	62.54 x 46.75 mm	74.56 x 62.19 mm
LS-TCL-0231	0.087×	334.6 mm	54.7 mm	428.3 x 180 x 180 mm	130.46 x 81.95 mm	81.95 x 61.26 mm	97.70 x 81.49 mm
LS-TCL-0232	0.074×	396 mm	75.6 mm	487.8 x 200 x 200 mm	153.38 x 96.35 mm	96.35 x 72.03 mm	114.86 x 95.81 mm
LS-TCL-0233	0.056×	527.6 mm	132 mm	628.2 x 260 x 260 mm	202.68 x 127.32 mm	127.32 x 95.18 mm	151.79 x 126.61 mm
LS-TCL-0234	0.045×	492.9 mm	204.4 mm	788.4 x 322 x 322 mm	252.22 x 158.44 mm	158.44 x 118.44 mm	188.89 x 157.56 mm

More values per model (Front diameter, Resolution (pixel size), Working f/n, Weight) are on each product page.

Product views

