

High-quality telecentric lenses, 2nd version (SWH V2 series)

LS-TC-SWHV2 series · Telecentric lenses · 25 models



Common specifications

Max sensor size (dia. mm)	11.0(2/3")
Mount	C

Models

Model	Magnification (x)	Working distance (mm)	Image-side F/#	Object-side telecentricity (deg max)	Image-side distortion (% max)	Numerical aperture NA	Object-side resolution (μm)
LS-SWH4X110WCV2	4.0	110±2	20	<0.1	<0.1	0.1	3.4
LS-SWH4X110WV2	4.0	110±2	20	<0.1	<0.1	0.1	3.4
LS-SWH3X110WCV2	3.0	110±2	18.3	<0.1	<0.1	0.08255	4.1
LS-SWH3X110WV2	3.0	110±2	18.3	<0.1	<0.1	0.08255	4.1
LS-SWH3X65WCV2	3.0	65±1	15.7	<0.02	<0.1	0.09501	3.5
LS-SWH3X65WV2	3.0	65±1	15.7	<0.03	<0.1	0.09501	3.5
LS-SWH2X110WCV2	2.0	110±2	12.2	<0.1	<0.1	0.0815	4.1
LS-SWH2X110WV2	2.0	110±2	12.2	<0.1	<0.1	0.0815	4.1
LS-SWH2X257WV2	2	257±3	14.6	0.8	0.3	0.06763	5
LS-SWH2X300WCV2	2	300±3	14.9	0.05	0.02	0.067	5
LS-SWH2X300WV2	2	300±3	14.9	0.05	0.02	0.067	5
LS-SWH2X65WCV2	2.0	65±1	13.2	<0.03	<0.05	0.07554	4.4
LS-SWH2X65WV2	2.0	65±1	13.2	<0.03	<0.05	0.07554	4.4
LS-SWH15X110WCV2	1.5	110±2	10	<0.1	<0.1	0.07488	4.5
LS-SWH15X110WV2	1.5	110±2	10	<0.1	<0.1	0.07488	4.5
LS-SWH1X110WCV2	1.0	110±2	7	<0.1	<0.1	0.07158	4.7
LS-SWH1X110WV2	1.0	110±2	7	<0.1	<0.1	0.07158	4.7
LS-SWH1X300WCV2	1.0	300±3	11	<0.1	<0.1	0.04541	7.4
LS-SWH1X300WV2	1.0	300±3	11	<0.1	<0.1	0.04541	7.4
LS-SWH098X280WCV2	0.98	280±3	11	0.06	0.03	0.04437	7.6
LS-SWH098X280WV2	0.98	280±3	11	0.06	0.03	0.04437	7.6
LS-SWH08X110WCV2	0.8	110±2	7.9	<0.1	<0.1	0.05028	6.7
LS-SWH08X110WV2	0.8	110±2	7.9	<0.1	<0.1	0.05028	6.7
LS-SWH05X65WCV2	0.5	65±1	5	0.02	0.02	0.05	6.7
LS-SWH05X65WV2	0.5	65±1	5	0.02	0.02	0.05	6.7

More values per model (Theoretical depth of field (mm), Image-side MTF30 (lp/mm), Outer diameter O.D (mm), Total length TTL (mm), Front filter thread, Measured depth of field as shipped (mm)) are on each product page.