

1.1" Format Telecentric

VS-THV(1.1")

3.45 μm

SERIES

High Resolution Telecentric Lens for 1.1" Format
Equal Object to Image Distance (O/I) Across All Mag. Models



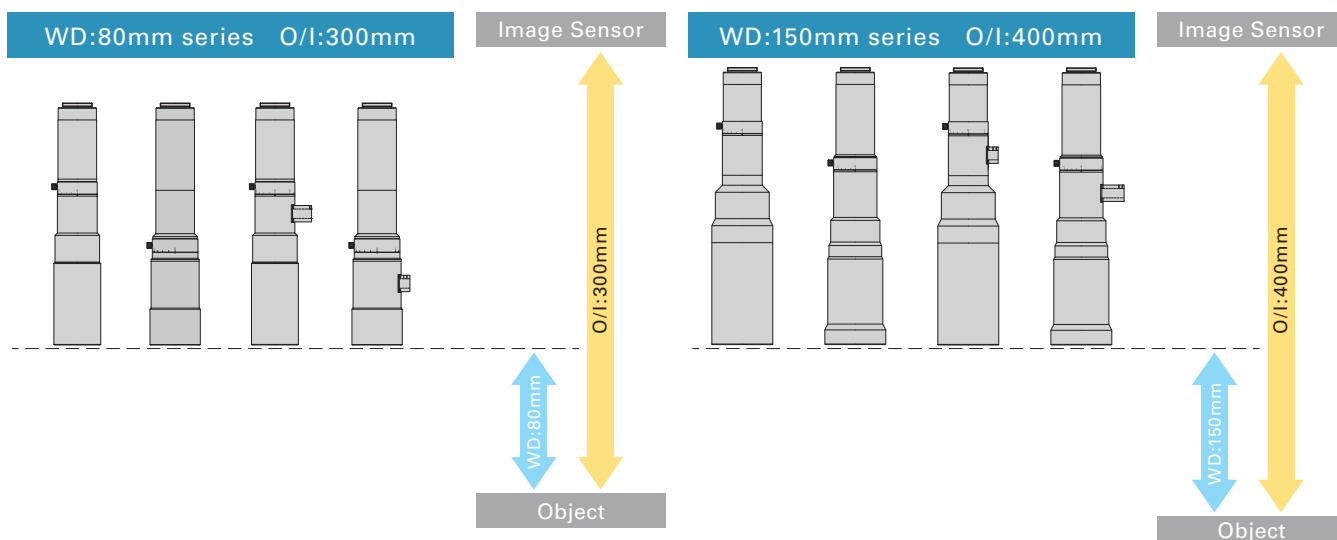
VS-THV(1.1") series
4 Mag. Options: 0.5x / 0.8x / 1.0x / 2.0x
WD: 80mm / 150mm

Features

- Optimized for 1.1" 3.45 μm Cameras
- Equal Object to Image Distance (O/I) Across All Models
- 0.5x/0.8x/1.0x/2.0x Magnification Options
- Built-In Coaxial Illumination Available
- Manual Iris to Adjust Depth of Field (DOF)



Equal Object to Image Distance (O/I) Optical Design



VS-THV(1.1") series does not require any mechanical modifications to change the lens to different magnifications

Model	Mag.	Coaxial	WD	O/I	Dimension	Max Sensor
VS-THV05-80/S	0.5x	-	82mm	300mm	$\phi 54 \times L=200.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV05-80CO/S	0.5x	○	82mm	300mm	$\phi 54 \times L=200.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV08-80/S	0.8x	-	82mm	300mm	$\phi 43 \times L=200.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV08-80CO/S	0.8x	○	82mm	300mm	$\phi 43 \times L=200.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV1-80/S	1.0x	-	80mm	300mm	$\phi 40 \times L=202.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV1-80CO/S	1.0x	○	80mm	300mm	$\phi 40 \times L=202.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV2-80/S	2.0x	-	80mm	300mm	$\phi 43 \times L=202.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV2-80CO/S	2.0x	○	80mm	300mm	$\phi 43 \times L=202.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV05-150/S	0.5x	-	152mm	400mm	$\phi 58 \times L=230.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV05-150CO/S	0.5x	○	152mm	400mm	$\phi 58 \times L=230.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV08-150/S	0.8x	-	150mm	400mm	$\phi 52 \times L=232.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV08-150CO/S	0.8x	○	150mm	400mm	$\phi 52 \times L=232.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV1-150/S	1.0x	-	150mm	400mm	$\phi 52 \times L=232.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV1-150CO/S	1.0x	○	150mm	400mm	$\phi 52 \times L=232.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV2-150/S	2.0x	-	152mm	400mm	$\phi 55 \times L=230.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV2-150CO/S	2.0x	○	152mm	400mm	$\phi 55 \times L=230.5\text{mm}$	1.1" ($\phi 17.6$)

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