

1.1" Format Telecentric

VS-THV

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(WD:150mm) series
4 Mag. Options: 0.5x/0.8x/1.0x/2.0x



VS TECHNOLOGY
MACHINE VISION OPTICS

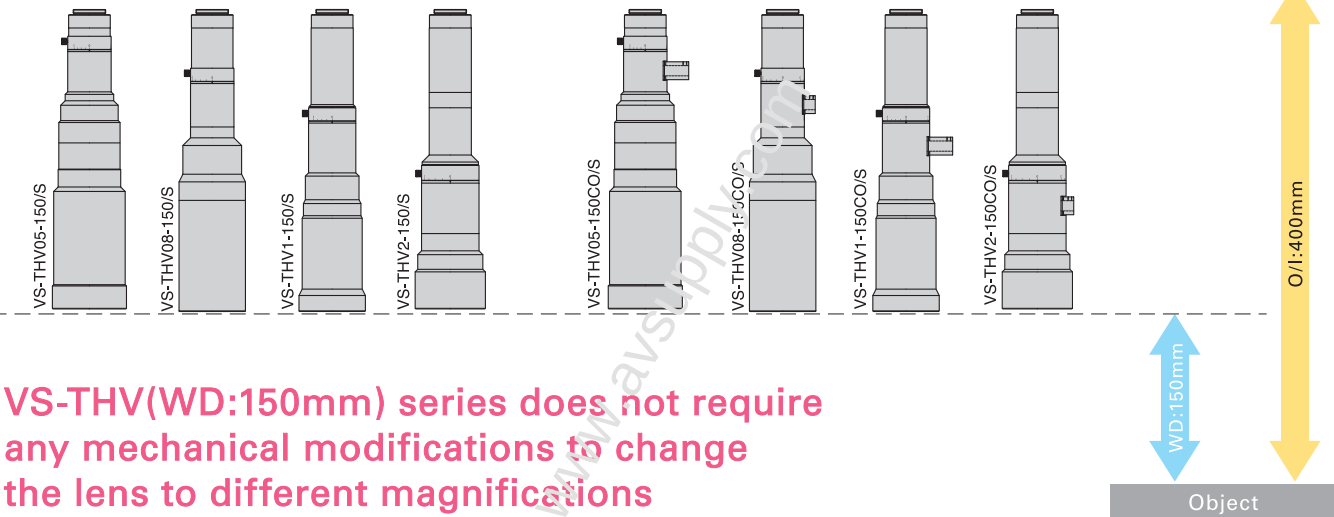
Features

- Optimized for 1.1" 3.45um 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

WD:150mm O/I: 400mm for All Models



VS-THV(WD:150mm) series does not require any mechanical modifications to change the lens to different magnifications

Model	Mag.	Coaxial	WD	O/I	Dimension	Max Sensor
VS-THV05-150/S	0.5x	-	152mm	400mm	$\phi 58 \times L=230.5\text{mm}$	1.1" ($\phi 17.6$)
VS-THV05-150CO/S		○				
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		○				
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		○				
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		○				