

Designing for Trust

SWIR Telecentric Lens

VS-THV-SWIR SWIR SERIES

See What is Hidden
Telecentric Lenses for 1000nm ~ 1600nm SWIR



Mag. 1.0x / 2.0x
Mag. 1.5x / 3.0x / 4.0x

Support 1"
Support 1.1"

See What is Hidden
Telecentric Lenses for 1000nm ~ 1600nm SWIR



Features

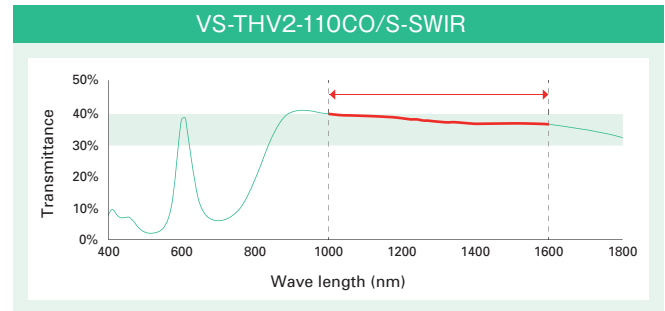
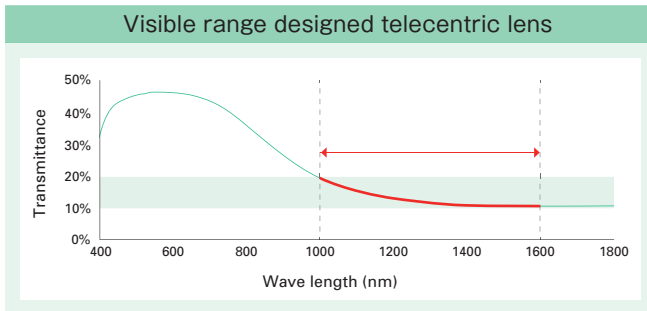
- SWIR optimized coaxial light input port
- 4 times higher SWIR transmittance compared to visible range telecentric lenses ※
- Higher transmission enables improvement to system takt time
- Adjustable DOF with the aperture control

Model No.	WD	O/I	Magnification	Sensor Size(max.)	Co-axial	Mount
VS-THV1-110CO/S-SWIR	111.1mm	259.6mm	1.0x	1"	○	C-Mount
VS-THV1.5-110CO/S-SWIR	110.4mm	259.3mm	1.5x	1.1"	○	C-Mount
VS-THV2-110CO/S-SWIR	110.4mm	294.9mm	2.0x	1"	○	C-Mount
VS-THV3-110CO/S-SWIR	111.2mm	325.0mm	3.0x	1.1"	○	C-Mount
VS-THV4-110CO/S-SWIR	110.4mm	349.9mm	4.0x	1.1"	○	C-Mount

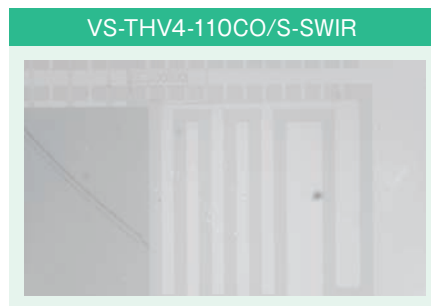
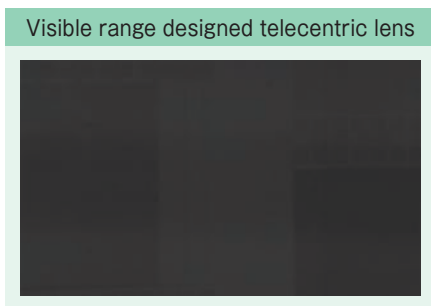
Transmittance

Y: Transmittance (%) X: Wave Length (nm)

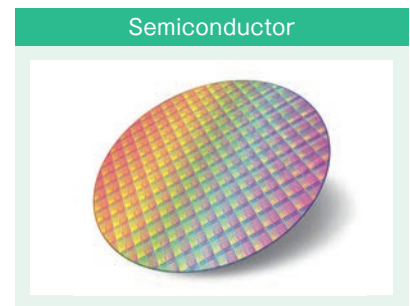
※4 times higher transmittance in the 1000nm ~ 1600nm range



Transmittance Comparison (Captured at same shutter speed)



Application



International Sales Offices

VST Europe (Winterthur)
TEL: +41-52-508-0109

VST Poland (Warsaw)
TEL: +48-22-492-6683

VST Vietnam (Hanoi)
TEL: +84-24-6327-8566

VST Shenzhen (Shenzhen)
TEL: +86-755-8273-1420

VST Taiwan (Hsinchu)
TEL: +886-3-668-1381(ext.9)

VST America (Santa Clara)
TEL: +1-408-753-5115

VST Europe (Amsterdam)
TEL: +31-20-305-1310

VST Russia (Moscow)
TEL: +7-926-585-4721

VST India (Bengaluru)
TEL: +91-80888-31893

VST Shenzhen (Shanghai)
TEL: +86-21-6255-0725

VST Taiwan (Kaohsiung)
TEL: +886-7-586-8957

VST Mexico (Guadalajara)
TEL: +52-33-3002-4076

VST Europe (Paris)
TEL: +33-1-8288-5798

VST Thailand (Bangkok)
TEL: +662-260-0912

VST Korea (Seoul)
TEL: +82-2-2183-3848

VST Taiwan (Taipei)
TEL: +886-2-2531-2036