

## SV-V Low cost series



Large variety of focal lengths(11models)  
f=3.5mm / 4.5mm / 6mm / 8mm / 12mm / 16mm / 25mm / 35mm / 50mm / 75mm / 100mm

1/3"	1/2"	1/1.8"
2/3"	1"	

## VS-VM Hi-Resolution series



Compact Hi-Resolution fixed focal length  
f=6mm / 8mm / 12mm / 16mm / 25mm / 35mm / 50mm

1/3"	1/2"	1/1.8"
2/3"		

## VS-H Hi-Resolution series



Large variety of Hi-Resolution focal length(13models)  
f=6mm / 8mm / 9mm / 12mm (2types) / 16mm(2types) / 25mm / 35mm / 50mm(2types) / 75mm / 100mm

1/3"	1/2"	1/1.8"
2/3"	1"	

## VS-H1 Hi-Resolution series



1" Hi-Resolution fixed focal length lenses  
f=6mm / 8mm / 12mm / 16mm / 25mm / 35mm / 50mm / 75mm / 100mm

1/3"	1/2"	1/1.8"
2/3"	1"	1.1"

## NEW VS-H-IRC/11 IR-Corrected series



Minimize focus shift from visible to NIR  
4K Hi-Resolution fixed focal length lenses  
f=12mm / 16mm / 25mm

1/3"	1/2"	1/1.8"
2/3"	1"	1.1"

## VS-085 F0.85 Brightness series



Immensely bright F number of 0.85  
f=25mm / 50mm

1/3"	1/2"	1/1.8"
2/3"	1"	1.1"
4/3"		

## NEW VS-H/3CMOS 3CMOS series



Designed for multi sensor 3 CMOS cameras.  
f=8mm / 12mm / 25mm

1/3"	1/2"	1/1.8"
2/3"		

## VS-LLD Distortionless series



4/3" sensor support Distortion-less lenses  
f=10mm / 12.5mm / 15mm / 18mm / 20mm / 25mm / 30mm / 35mm / 50mm

1/3"	1/2"	1/1.8"
2/3"	1"	1.1"
4/3"		

## VS-LDA Distortionless series



Distortion-less and reduced shading  
Great performance in the macro fields  
f=4mm / 6.5mm / 10mm / 15mm / 20mm / 25mm / 30mm / 35mm / 50mm / 75mm

1/3"	1/2"	1/1.8"
2/3"		

## VS-MCA Rugged series



Ruggedized distortion less fixed focal length  
f=4mm / 6.5mm / 10mm / 15mm / 20mm / 25mm / 30mm / 35mm / 50mm / 75mm

1/3"	1/2"	1/1.8"
2/3"		

## VS-MCH1 1" Rugged series



1" Ruggedized fixed focal length lenses  
f=6mm / 8mm / 12mm / 16mm / 25mm / 35mm / 50mm / 75mm / 100mm

1/3"	1/2"	1/1.8"
2/3"	1"	1.1"

## VS-L(F) Large format series



30mm/45mm sensor support fixed focal length  
f=18mm / 25mm / 35mm / 50mm / 85mm / 100mm

1/3"	1/2"	1/1.8"
2/3"	1"	1.1"
4/3"	30mm	45mm

## VS-H1-SWIR SWIR series



Designed for NIR/SWIR 700nm-1500nm(2000nm)

f=6mm / 8mm / 12mm / 16mm / 25mm / 35mm / 50mm

1/3"	1/2"	1/1.8"
2/3"	1"	1.1"

## VS-B / MC Super Compact series



Very compact series

f=6mm Mag=0.365x-1.375x

1/6"	1/3"	1/2"
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# Fixed Focal Length Lens Comparison List

Series	sensor size									
V	[Bar]									
VM	[Bar]									
H	[Bar]									
H1	[Bar]									
H-IRC	[Bar]									
085	[Bar]									
H/3CMOS	[Bar]									
LLD	[Bar]									
LDA	[Bar]									
MCA	[Bar]									
MCH1	[Bar]									
L(F)	[Bar]									
H1-SWIR	[Bar]									
B/MC	[Bar]									
Sensor Size	1/3	1/2	1/1.8	2/3	1	1.1	4/3	φ30mm	φ50mm	

Series	pixelsize(μm) / lp(mm)								
V	[Bar]								
VM	[Bar]								
H	[Bar]								
H1	[Bar]								
H-IRC	[Bar]								
085	[Bar]								
H/3CMOS	[Bar]								
LLD	[Bar]								
LDA	[Bar]								
MCA	[Bar]								
MCH1	[Bar]								
L(F)	[Bar]								
H1-SWIR	[Bar]								
B/MC	[Bar]								
pixel size(μm)	10	5	3.45	2.5					
resolution(lp/mm)	40	60	80	100	120	140	160	180	200

## 4K Telecentric Lens series

- XGS8000
- XGS12000
- CMV12000
- IMX255
- IMX267
- IMX226
- IMX253
- IMX304

### VS-TCT 1.67μm series



Supports high resolution sensors "1.67μm"

Mag.: 0.5x / 0.8x / 1.0x

### VS-TEV Vari-Focal series



Variable telecentric magnification to cover it

Mag.: 0.3x-0.5x / 0.5x-0.75x / 0.75x-1.0x

### NEW VS-THV Equal O/I W/D series



Equal Object to Image Distance(O/I) Across All Mag. Models

Mag.: 0.5x / 0.8x / 1.0x / 2.0x  
WD : 80mm / 150mm

## International Sales Offices

<https://vst.co.jp>

**VS Technology HQ (Tokyo)**  
TEL: +81-3-3560-6668

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