

Accessory

At times where applications need a specific feature that is not integrated in a lenses design, it is possible to add it on through various accessories. Prism units can be used for a limited work space, coaxial lighting adapters can bring an internal light to your lens, filters can help bring out a specific color out for better inspection. The combinations are endless. Please contact our local sales office if you need any assistance selecting the right accessory for your application.

Features

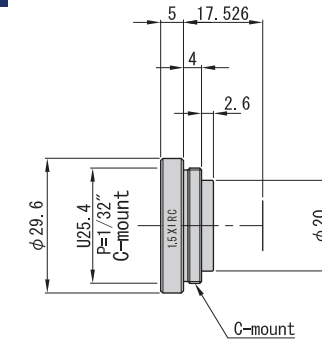
- Rear Converter Lens
- Extension Rings & Tubes
- Tilt adapter
- Co-axial Lighting Adapters
- Adapters
- Optional Mounts
- Right angle prisms
- Mirrors
- Offset
- Roof Prisms
- Penta Prisms
- Prism Adapter for two cameras
- Protection Cover Filters
- Rotary Polarized Filters
- Filters



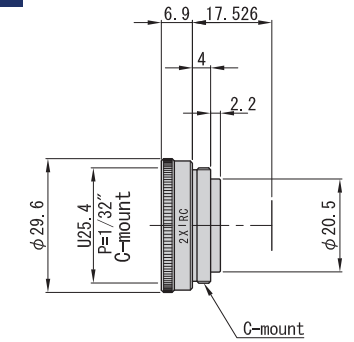
Rear Converter Lens

Rear converter lens is used to increase the magnification without changing the WD. It can be simply attached between camera and lens.

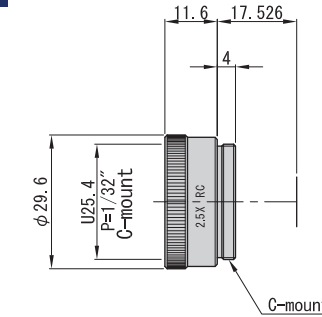
SV-1.5X



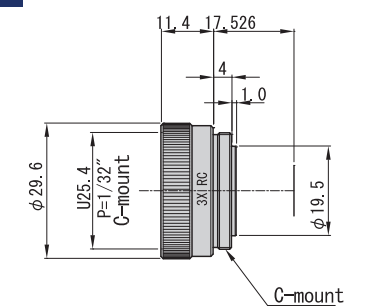
SV-2.0X



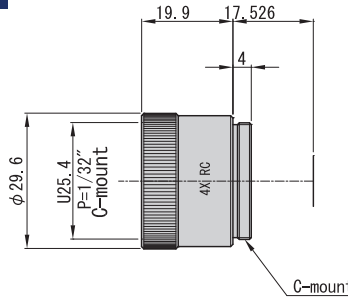
SV-2.5X



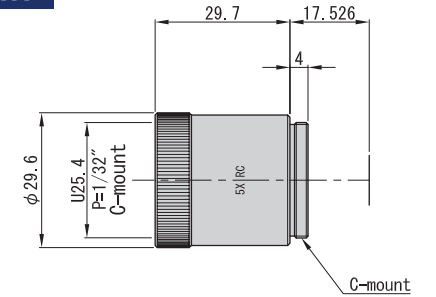
SV-3.0XV



SV-4.0XV

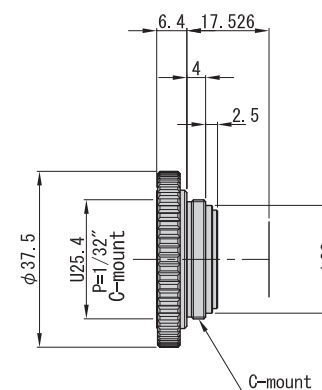


SV-5.0XV

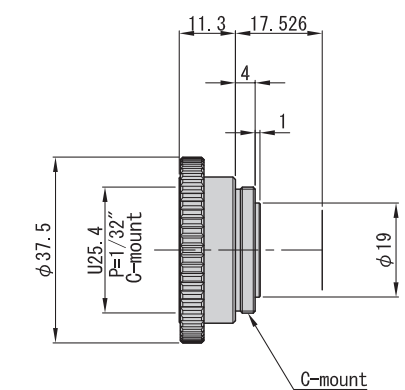


Model	SV-1.5X	SV-2.0X	SV-2.5X	SV-3.0XV	SV-4.0XV	SV-5.0XV
Specification	1.5x	2x	2.5x	3x	4x	5x
Sensor Size (max.)	2/3"	2/3"	2/3"	2/3"	2/3"	2/3"

SV-1.5X-1



SV-2.0X-1

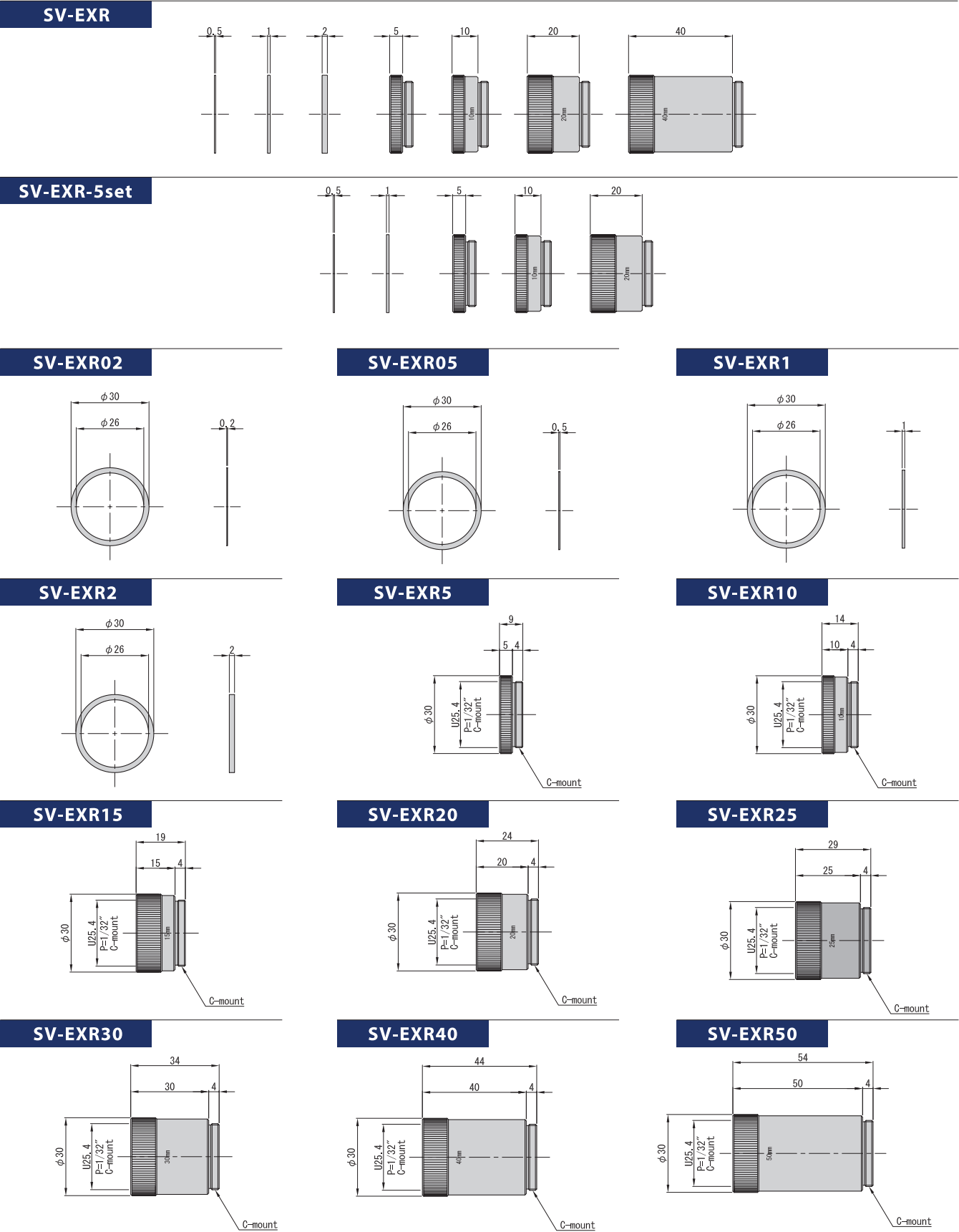


Model	SV-1.5X
Specification	1.5x
Sensor Size (max.)	1"

Model	SV-1.5X
Specification	2x
Sensor Size (max.)	1"

Extension Rings & Tubes

An Extension tube is attached between the camera and lens, it is used to increase the magnification while decreasing WD.



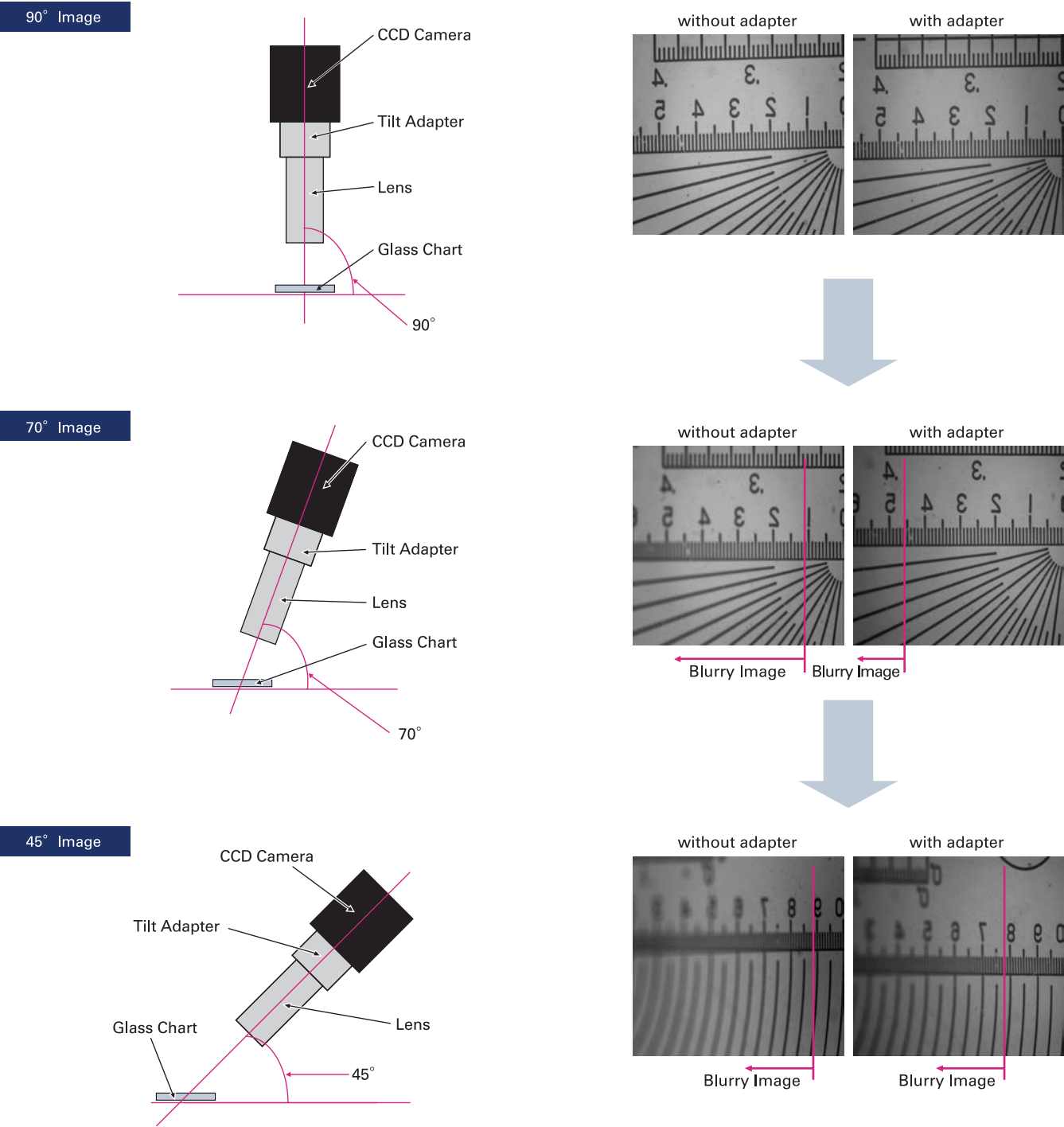
Model	SV-EXR	SV-EXR-5set	SV-EXR02	SV-EXR05	SV-EXR1	SV-EXR2	SV-EXR5
Specification	L=0.5/1/2/5/10/20/40mm Set of 7 rings and tube	L=0.5/1/5/10/20mm Set of 5 rings and tube	t=0.2mm	t=0.5mm	t=1mm	L=2mm	L=5mm

Model	SV-EXR10	SV-EXR15	SV-EXR20	SV-EXR25	SV-EXR30	SV-EXR40	SV-EXR50
Specification	L=10mm	L=15mm	L=20mm	L=25mm	L=30mm	L=40mm	L=50mm

Tilt adapter

In relation to the depth of field with the lens angle position, the camera cannot focus in back and front of the image at the same time. Our custom adapter can widen the DOF and brighten the image so that back and front are in focus. Significant You will notice significant differences in following data. However, each lens requires a separate adapter.

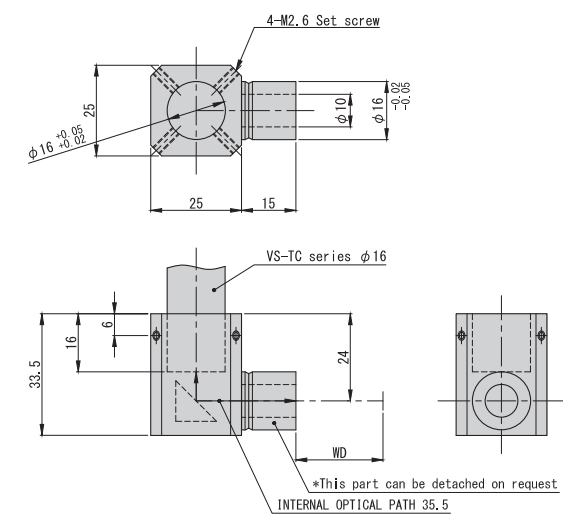
Operating environment



For more details, please contact our sales office.

Right angle prism

VS-PZ16-1



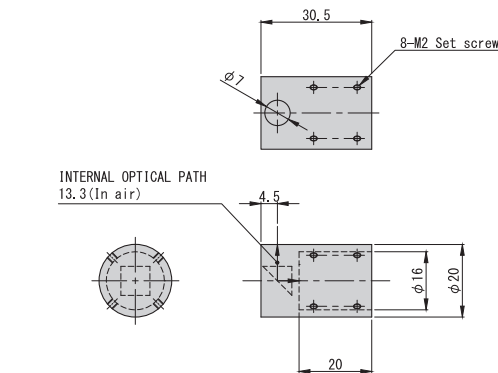
VS-PZ16-1

For VS-TC, MC Series (dia.16mm):
Inverted images.
Right angle prism makes the light path 90° bent.
Generally used for space constraint applications.



Model	VS-PZ16-1
Attachment Size	90° Mirror(Inverted image) for $\phi 16\text{mm}$ Lens
A*1	9.5mm
Recommended Lens*2	TC $\phi 16\text{mm}$, MC $\phi 16\text{mm}$ Lens

VS-PZ16-4(90°)



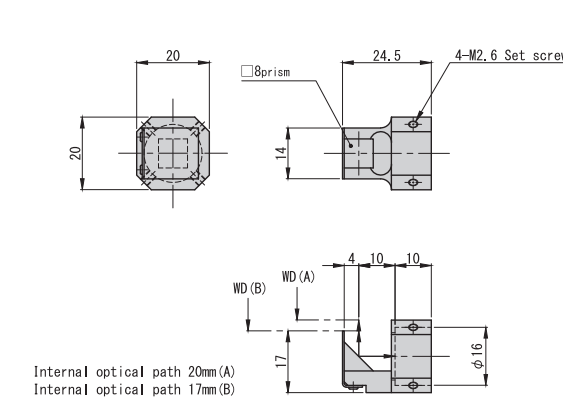
VS-PZ16-4(90°)

For VS-TC, MC Series (dia.16mm):
Inverted images.
Has a short internal optical path of 13.3mm to achieve longer working distance. Minimum distance between two prism image centers is 9mm.



Model	VS-PZ16-4(90°)
Attachment Size	90° Small Prism (Inverted image) for $\phi 16\text{mm}$ Lens
A*1	4.5mm
Recommended Lens*2	TC $\phi 16\text{mm}$, MC $\phi 16\text{mm}$ Lens

VS-PZ16-2(90°)



VS-PZ16-2(90°)

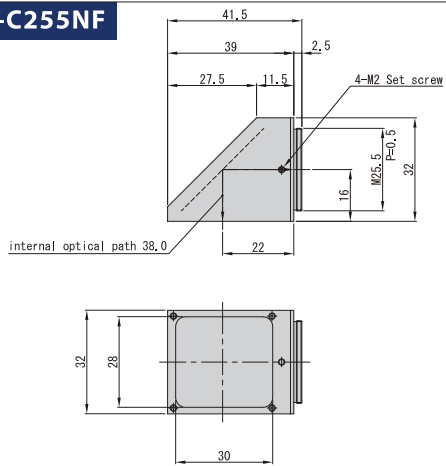
For VS-TC, MC Series (dia.16mm):
Inverted images.
Small size version if VS-PZ116-1. It can be used for imaging two points at minimum distance of 9mm (minimum).



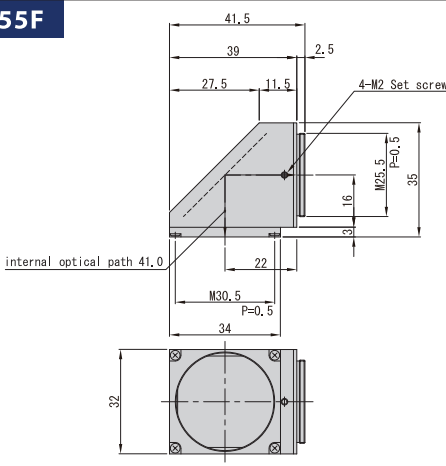
Model	VS-PZ16-2(90°)
Attachment Size	90° Small Prism (Inverted image) for $\phi 16\text{mm}$ Lens
A*1	4.5mm
Recommended Lens*2	TC $\phi 16\text{mm}$, MC $\phi 16\text{mm}$ Lens

Mirror

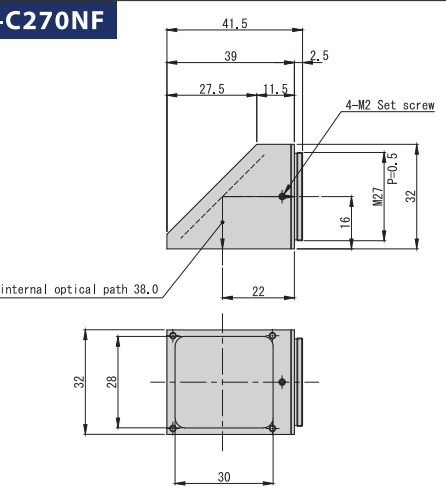
VS-PZ-C255NF



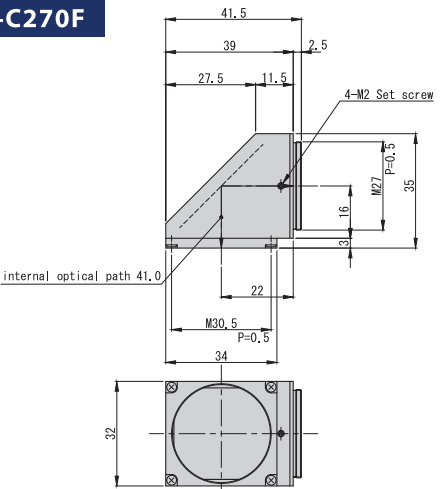
VS-PZ-C255F



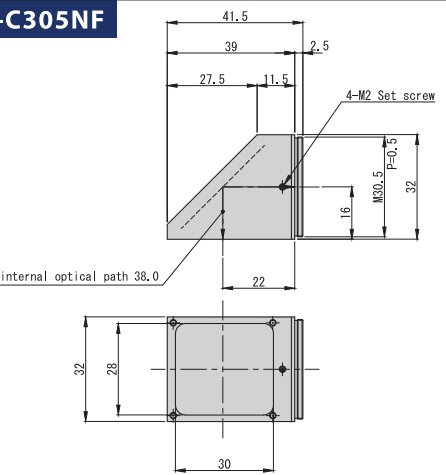
VS-PZ-C270NF



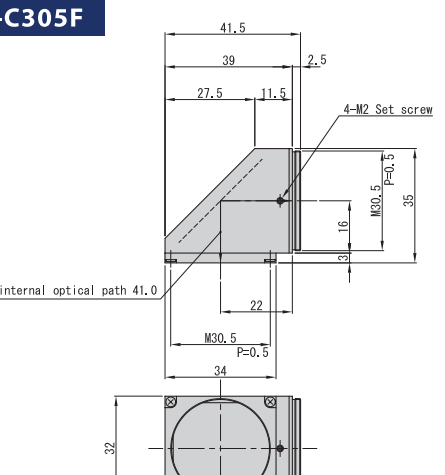
VS-PZ-C270F



VS-PZ-C305NF

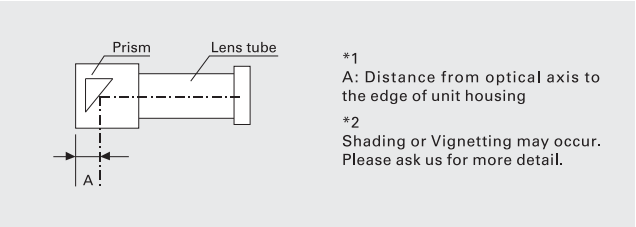


VS-PZ-C305F



VS-PZ-C255NF/C255F/C270NF/C270F/C305NF/C305F
90°Prism unit for VS-LDA, VS-TCH and Fixed Focal Length lenses(VS-VM , SV-H Series).

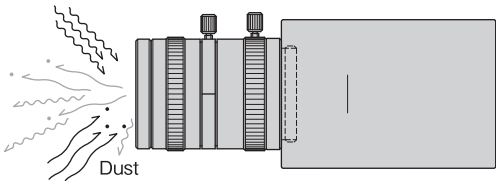
Model	VS-PZ-C255NF	VS-PZ-C255F	VS-PZ-C270NF	VS-PZ-C270F	VS-PZ-C305NF	VS-PZ-C305F
	90° Mirror (Inverted image)	90° Mirror (Inverted image)	90° Mirror (Inverted image)	90° Mirror (Inverted image)	90° Mirror (Inverted image)	90° Mirror (Inverted image)
Attachment Size	M25.5 P0.5	M25.5 P0.5	M27.0 P0.5	M27.0 P0.5	M30.5 P0.5	M30.5 P0.5
A*1	17mm	17mm	17mm	17mm	17mm	17mm
Recommended Lens*2	VS-VM, SV-H, VS-LDA, VS-TCH Series					



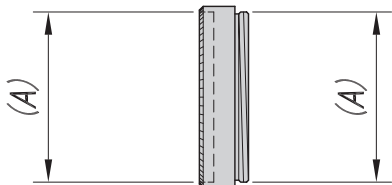
*1
A: Distance from optical axis to the edge of unit housing
*2
Shading or Vignetting may occur. Please ask us for more detail.

Protection Cover Filter

SV-GA series



Lens Dust Proof

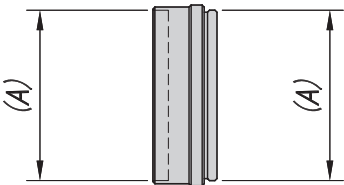


Protect the lens from dust, UV rays etc.

Model	SV-GA225	SV-GA255	SV-GA270	SV-GA305	SV-GA340	SV-GA355	SV-GA375	SV-GA430	SV-GA460	SV-GA□□□□
	Protection Cover Filter									
Thread Size	(A)=M22.5 P0.5	(A)=M25.5 P0.5	(A)=M27 P0.5	(A)=M30.5 P0.5	(A)=M34 P0.5	(A)=M35.5 P0.5	(A)=M37.5 P0.5	(A)=M43 P0.75	(A)=M46 P0.75	(A)=M□□□□ P□

Rotary Polarized Filter

SV-PL series



Prevent from Irregular Reflection

Model	SV-PL225	SV-PL255	SV-PL270	SV-PL305	SV-PL340	SV-PL355	SV-PL375	SV-PL430	SV-PL460	SV-PL□□□□
	Rotary Polarized Filter									
Thread Size	(A)=M22.5 P0.5	(A)=M25.5 P0.5	(A)=M27 P0.5	(A)=M30.5 P0.5	(A)=M34 P0.5	(A)=M35.5 P0.5	(A)=M37.5 P0.5	(A)=M43 P0.75	(A)=M46 P0.75	(A)=M□□□□ P□

Rotary with Lock Screw



- 3xM1.4 Set Screw
- Lockable at optimize position

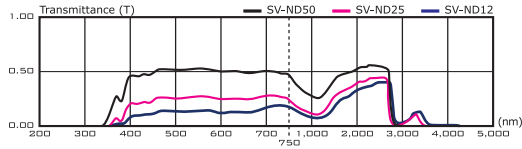
Model	SV-PL255SS	SV-PL270SS	SV-PL305SS
Thread Size	M25.5 P0.5	M27.0 P0.5	M30.5 P0.5

*Ask us for more detail.

Filter

Wide range of standard filters for various imaging applications.
Other optical transmittances such as band pass filters are also available.

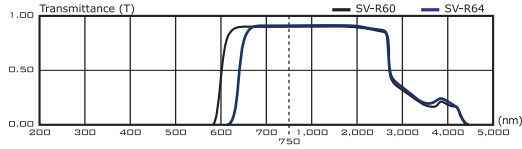
SV-ND Series



Neutral density filter

It is designed to reduce the brightness without changing illumination wavelength

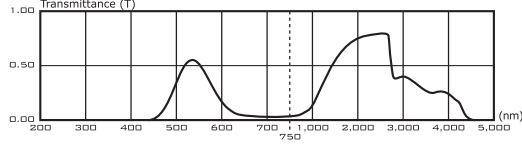
SV-R Series



Red filter

To improve image contrast, while adjusting red wavelength to peak performance

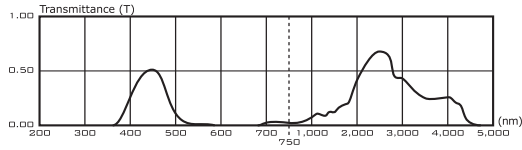
SV-G533 Series



Green filter

Adjust the transmittance peak to the center point of visible light

SV-B440 Series

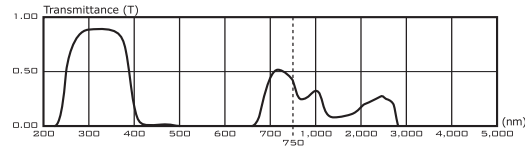


Blue filter

Adjust peak transmittance point to blue

Model		Thread Size
SV-ND50-270	Neutral Density Filter Transmission 50%	M27 P0.5
SV-ND25-270	Neutral Density Filter Transmission 25%	M27 P0.5
SV-ND12-270	Neutral Density Filter Transmission 12.5%	M27 P0.5
SV-ND50-□□□□	Neutral Density Filter Transmission 50% Customized Filter Thread	M□□□ P□
SV-ND25-□□□□	Neutral Density Filter Transmission 25% Customized Filter Thread	M□□□ P□
SV-ND12-□□□□	Neutral Density Filter Transmission 12.5% Customized Filter Thread	M□□□ P□
SV-R60-255	Contrast Filter	M25.5 P0.5
SV-R60-270	Contrast Filter	M27 P0.5
SV-R60-305	Contrast Filter	M30.5 P0.5
SV-R60-□□□□	Contrast Filter Customized Filter Thread	M□□□ P□
SV-R64-255	Contrast Filter	M25.5 P0.5
SV-R64-270	Contrast Filter	M27 P0.5
SV-R64-305	Contrast Filter	M30.5 P0.5
SV-R64-□□□□	Contrast Filter Customized Filter Thread	M□□□ P□
SV-G533-255	Green Filter Peak Transmission: 533nm	M25.5 P0.5
SV-G533-270	Green Filter Peak Transmission: 533nm	M27 P0.5
SV-G533-305	Green Filter Peak Transmission: 533nm	M30.5 P0.5
SV-G533-□□□□	Green Filter Customized Filter Thread Peak Transmission 533nm	M□□□ P□

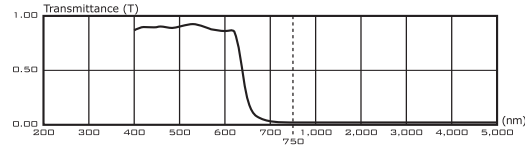
SV-UV330 Series



UV transmission filter

Transmit UV and cut the visible light

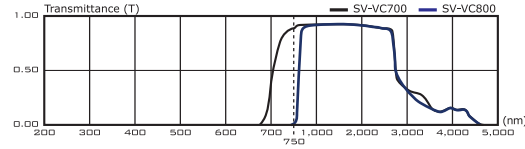
SV-IR Series



IR cut off filter

To block Infrared and transmit the visible light

SV-VC Series



Visible light cut filter

To block visible light and transmit Near Infrared

Model		Thread Size
SV-B440-255	Blue filter Peak Transmission: 440nm	M25.5 P0.5
SV-B440-270	Blue filter Peak Transmission: 440nm	M27 P0.5
SV-B440-305	Blue filter Peak Transmission: 440nm	M30.5 P0.5
SV-B440-□□□□	Blue filter Customized Filter Thread Peak Transmission: 440nm	M□□□ P□
SV-UV330-255	UV Transmission Filter Peak Transmission: 330nm	M25.5 P0.5
SV-UV330-270	UV Transmission Filter Peak Transmission: 330nm	M27 P0.5
SV-UV330-305	UV Transmission Filter Peak Transmission: 330nm	M30.5 P0.5
SV-UV330-□□□□	UV Transmission Filter Peak Transmission: 330nm	M□□□ P□
SV-IR255	IR cut off filter 700nm ~	M25.5 P0.5
SV-IR270	IR cut off filter 700nm ~	M27 P0.5
SV-IR305	IR cut off filter 700nm ~	M30.5 P0.5
SV-IR□□□□	IR cut off filter 700nm ~	M□□□ P□
SV-VC700-255	Visible light cut filter ~ 700nm	M25.5 P0.5
SV-VC700-270	Visible light cut filter ~ 700nm	M27 P0.5
SV-VC700-305	Visible light cut filter ~ 700nm	M30.5 P0.5
SV-VC700-□□□□	Visible light cut filter ~ 700nm	M□□□ P□
SV-VC800-255	Visible light cut filter ~ 800nm	M25.5 P0.5
SV-VC800-270	Visible light cut filter ~ 800nm	M27 P0.5
SV-VC800-305	Visible light cut filter ~ 800nm	M30.5 P0.5
SV-VC800-□□□□	Visible light cut filter ~ 800nm	M□□□ P□

*When you shift the lens tube, it may interfere with filter thread.
Please contact us for more details.