

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

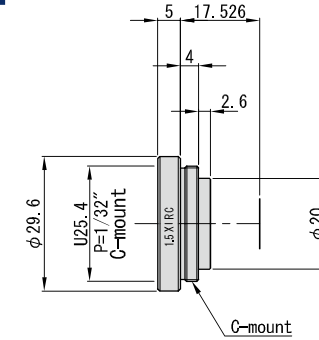
- Rear Converter Lens
- Extension Rings & Tubes
- Tilt adapter
- Co-axial Lighting Adapters
- Adapters
- Optional Mounts
- Right angle prisms
- Mirrors
- Offset
- Roof Prisms
- Penta Prisms
- Prism Adapter for two cameras
- Protection Cover Filters
- Rotary Polarized Filters
- Filters



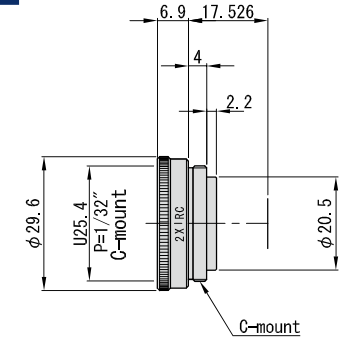
Rear Converter Lens

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

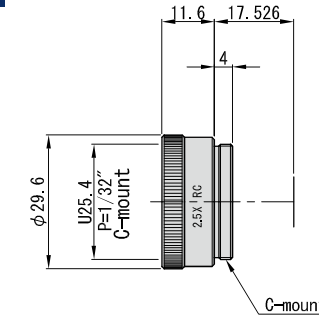
CVL-1.5X



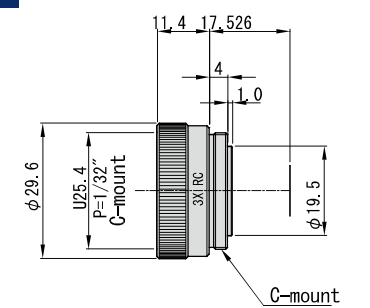
CVL-2.0X



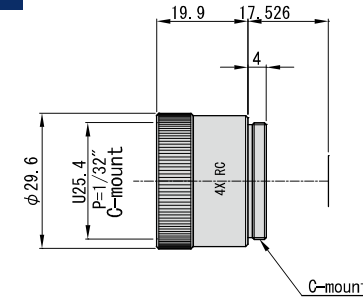
CVL-2.5X



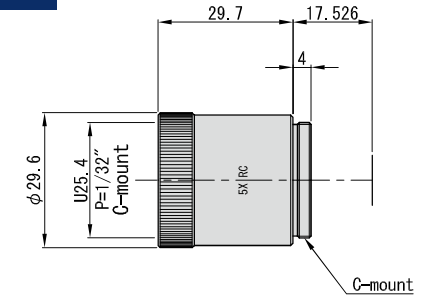
CVL-3.0X



CVL-4.0X

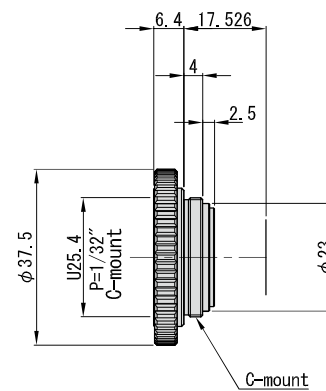


CVL-5.0X

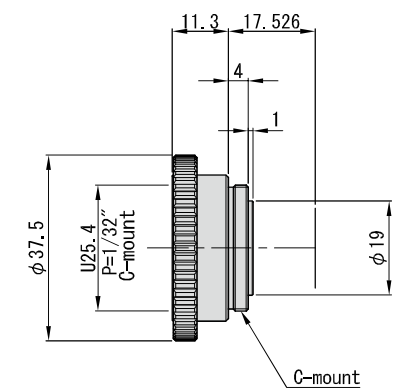


Model	CVL-1.5X	CVL-2.0X	CVL-2.5X	CVL-3.0X	CVL-4.0X	CVL-5.0X
Specification	1.5x	2x	2.5x	3x	4x	5x
Sensor Size (max.)	2/3"	2/3"	2/3"	2/3"	2/3"	2/3"

CVL-1.5XNB



CVL-2.0XNB

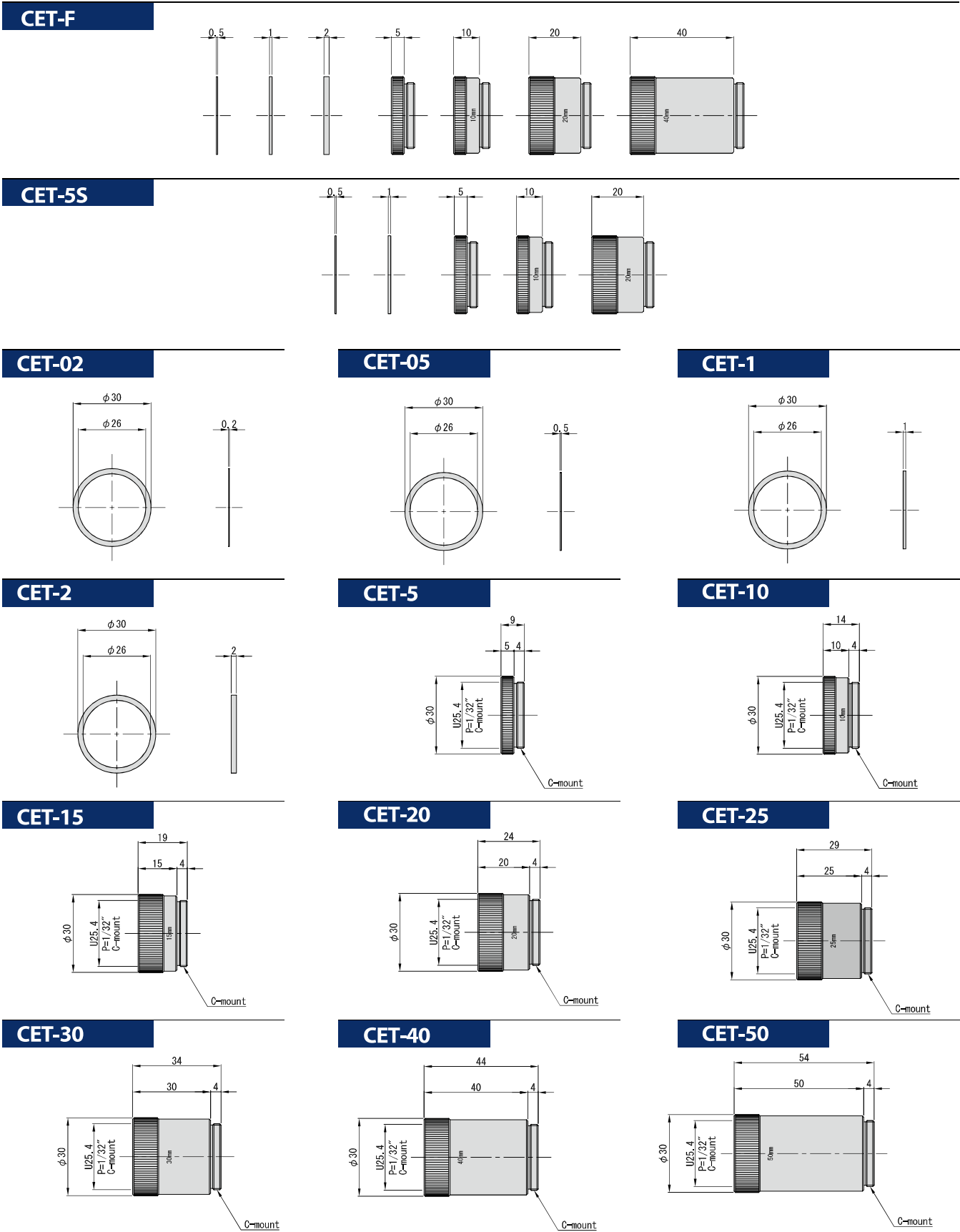


Model	CVL-1.5X
Specification	1.5x
Sensor Size (max.)	1"

Model	CVL-2.0X
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.



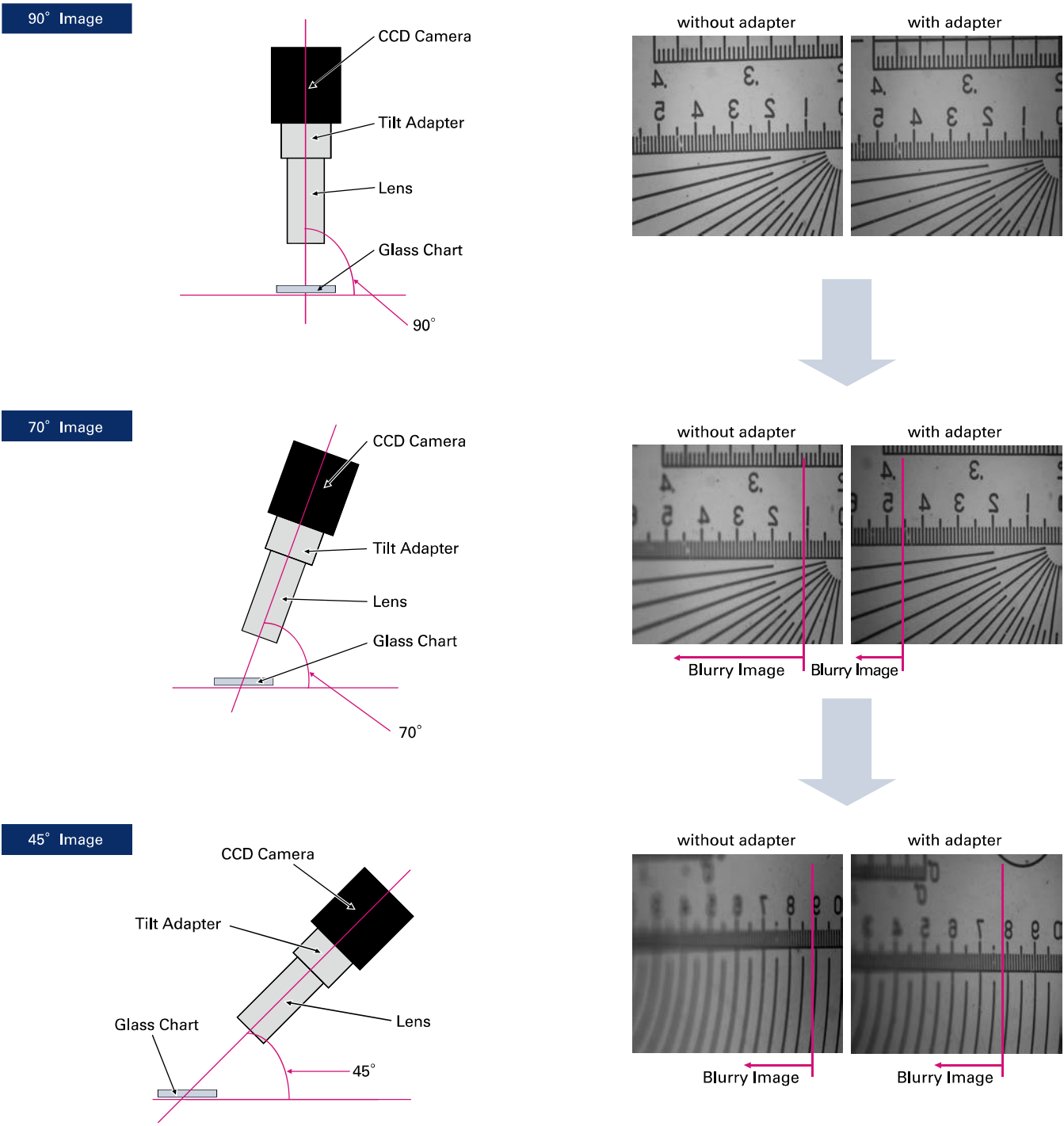
Model	CET-F	CET-5S	CET-02	CET-05	CET-1	CET-2	CET-5
Specification	L=0.5/1/2/5/10/20/40mm Set of 7 rings and tube	L=0.5/1/5/10/20mm Set of 5 rings and tube	t=0.2mm	t=0.5mm	t=1mm	L=2mm	L=5mm

Model	CET-10	CET-15	CET-20	CET-25	CET-30	CET-40	CET-50
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.

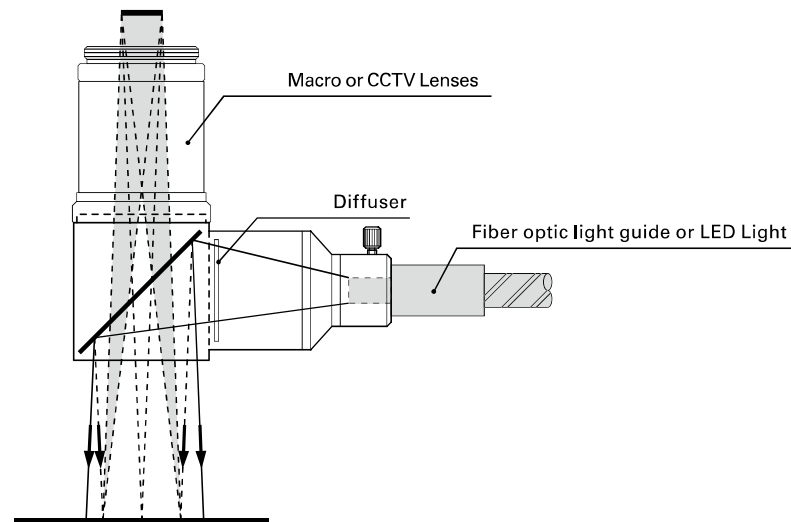
Operating environment



For more details, please contact our sales office.

■ Co-axial Lighting Adapter

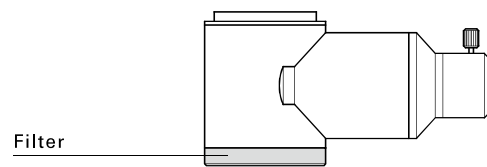
- Easy to set-up co-axial Lighting
- Compact and Lightweight



Simple method for co-axial Lighting : Easy to mount on filter thread of Lens.

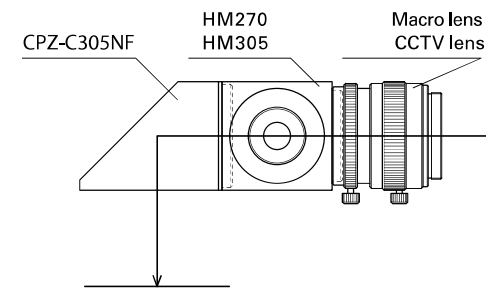
*There might be vignetting depending on the FOV. Please inquire.

Attachable Filter with M30.5 thread

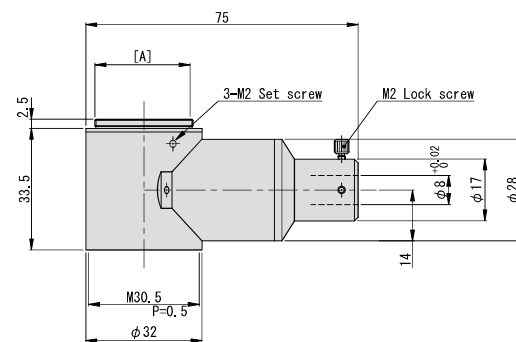


HM Series have filter thread M30.5 at the bottom of the unit. It allows you to attach filters or adapters.

Example



Able to bend the optical axis to overcome vertical space limitations.

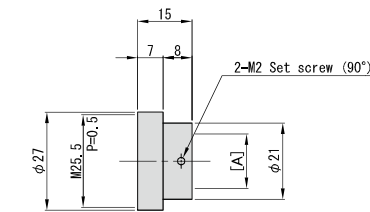
HM - 

Model	HM-225	HM-255	HM-270	HM-305
	Half Mirror Unit	Half Mirror Unit	Half Mirror Unit	Half Mirror Unit
Attachment Size [A]	M22.5/P=0.5	M25.5/P=0.5	M27.0/P=0.5	M30.5/P=0.5

■ Adapter

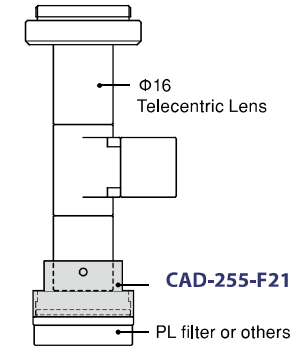
Adapters for changing the filter thread size.

CAD ☐ ☐ ☐

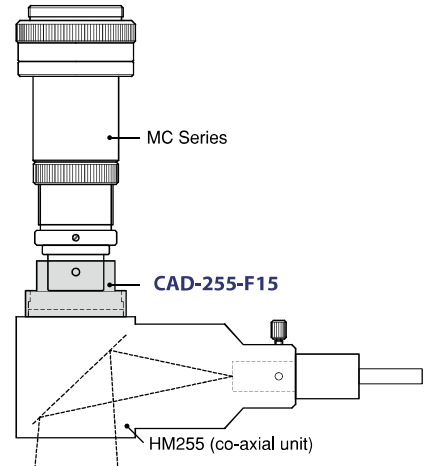


	[A]	Model
MC0510	Φ 15	CAD-255-F15
TVL Φ 16	Φ 16	CAD-255-F21

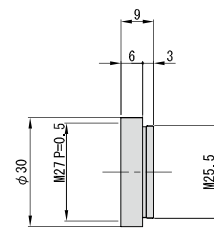
CAD-255-F21



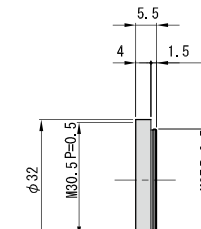
CAD-255-F15



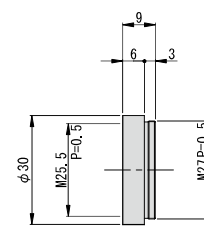
CAD255-270



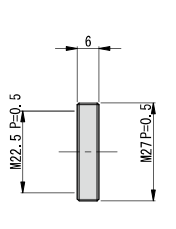
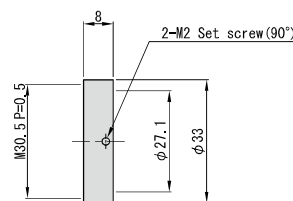
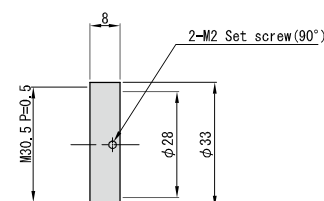
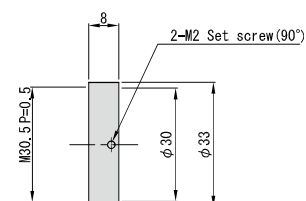
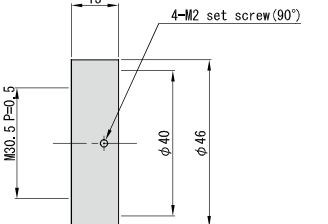
CAD270-305



CAD270-255



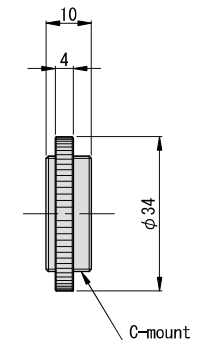
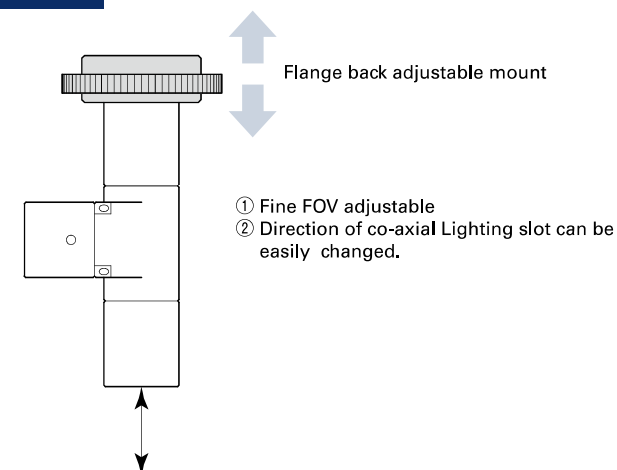
CAD270-225

**CAD27-305****CAD28-305****CAD30-305****CAD40-305**

Filter adapter for SV-0314V and SV-04514V

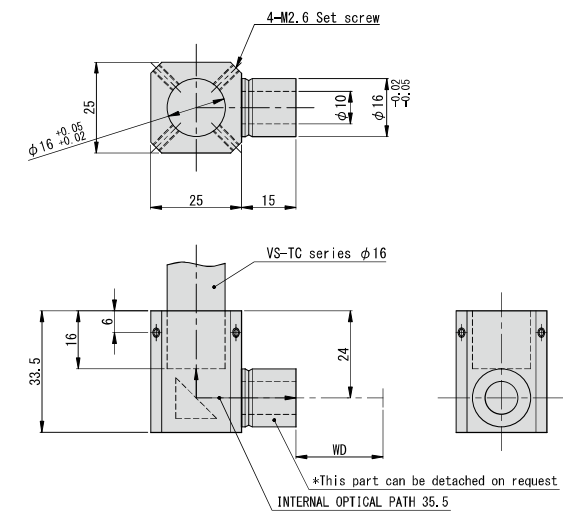
■ Optional Mount

TVL-CMTR



Right angle prism

CPZ16-1



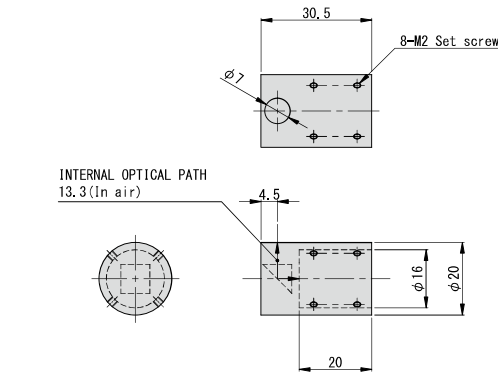
CPZ16-1

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



Model	CPZ16-1
	90° Mirror(Inverted image)
Attachment Size	for $\phi 16$ mm Lens
A*1	9.5mm
Recommended Lens*2	TC $\phi 16$ mm, MC $\phi 16$ mm Lens

CPZ16-4



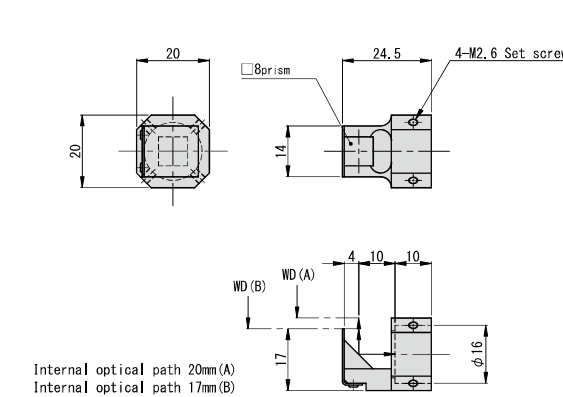
CPZ16-4

For TVL , 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	CPZ16-4
	90° Small Prism (Inverted image)
Attachment Size	for $\phi 16$ mm Lens
A*1	4.5mm
Recommended Lens*2	TC $\phi 16$ mm, MC $\phi 16$ mm Lens

CPZ16-2



CPZ16-2

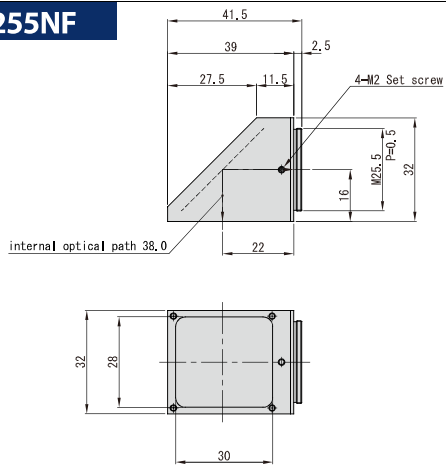
For TVL , MC Series (dia.16mm):
Inverted images.
Small size version if CPZ16-1. It can be used for imaging two points at minimum distance of 9mm (minimum).



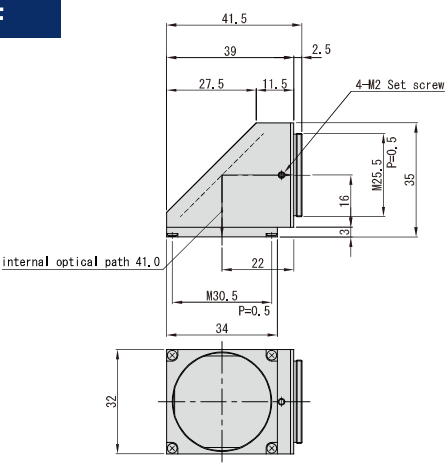
Model	CPZ16-2
	90° Small Prism (Inverted image)
Attachment Size	for $\phi 16$ mm Lens
A*1	4.5mm
Recommended Lens*2	TC $\phi 16$ mm, MC $\phi 16$ mm Lens

Mirror

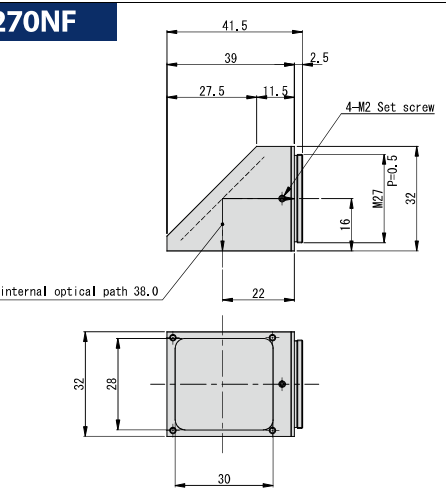
CPZ-C255NF



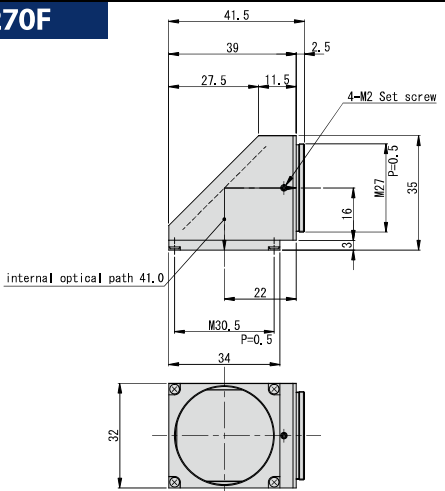
CPZ-C255F



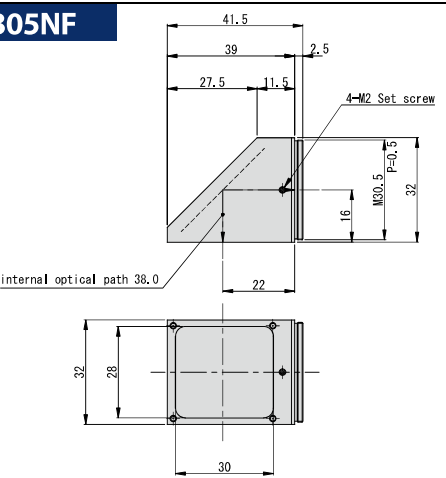
CPZ-C270NF



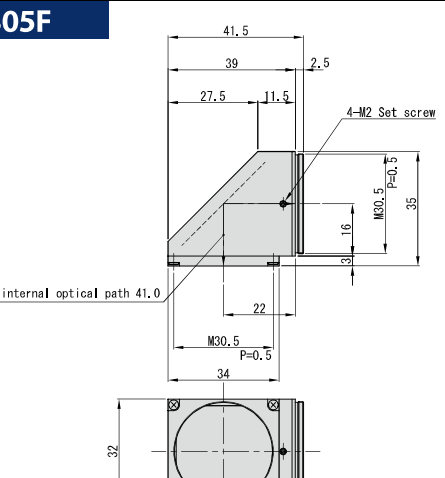
CPZ-C270F



CPZ-C305NF

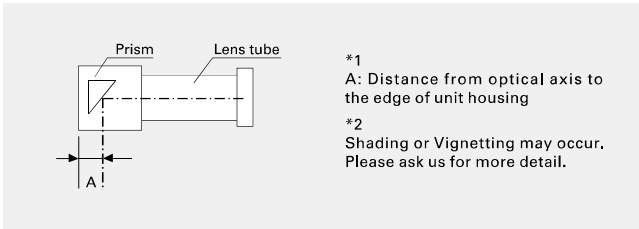


CPZ-C305F



CPZ-C255NF/C255F/C270NF/C270F/C305NF/C305F
90°Prism unit for DVL,TCL and Fixed Focal Length lenses(CVL,CVL-M Series).

Model	CPZ-C255NF	CPZ-C255F	CPZ-C270NF	CPZ-C270F	CPZ-C305NF	CPZ-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	CVL,CVL-M,DVL,TCL Series					

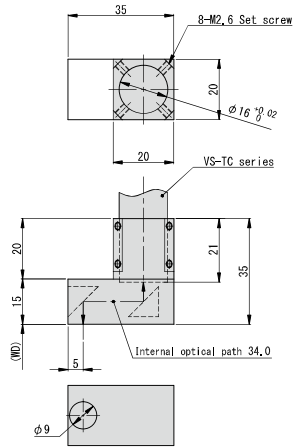


*1
A: Distance from optical axis to the edge of unit housing
*2
Shading or Vignetting may occur. Please ask us for more detail.

Offset

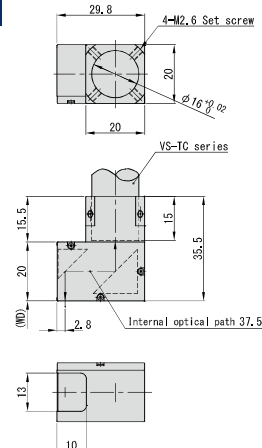
CPZ16-0F5

For TVL , MC Series
(dia.16mm)
Offset prism used for imaging
two points with two cameras in
short distance.



Model	CPZ16-0F5
	20mm offset prism
Attachment Size	for ϕ 16mm Lens
A*1	5mm
Recommended Lens*2	TC ϕ 16mm, MC ϕ 16mm Lens

CPZ16-0F3



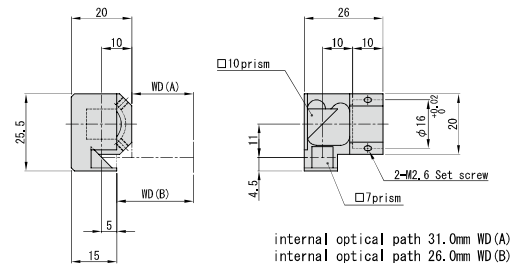
Model	CPZ16-0F3
	17mm offset prism
Attachment Size	for $\phi 16$ Lens
A*1	2,8mm
Recommended Lens*2	TC $\phi 16$ mm · MC $\phi 16$ mm Lens

CPZ16-3R / CPZ16-3L

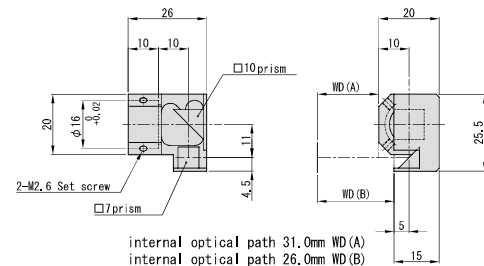
Offset right angle prism used for imaging two points to save the space and set up two cameras close.



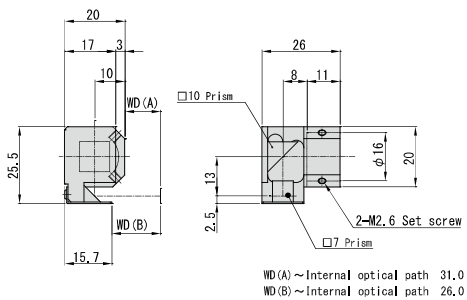
CPZ16-3R



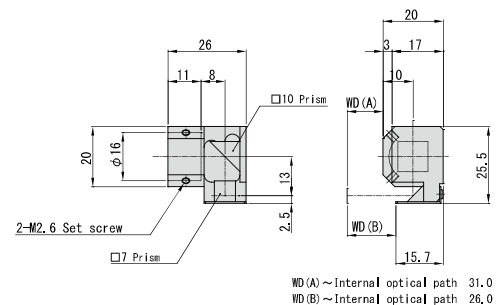
CPZ16-3L



CPZ16-3RP3



CPZ16-3LP3

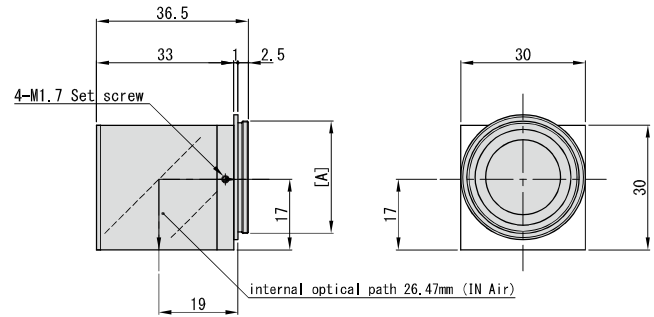


Model	CPZ16-3R	CPZ16-3L	CPZ16-3RP3	CPZ16-3LP3
	offset + 90°/left side right side	offset + 90°/left side left side	offset + 90°/left side right side	offset + 90°/left side left side
Attachment Size	for ϕ 16mm Lens	for ϕ 16mm Lens	for ϕ 16mm Lens	for ϕ 16mm Lens
A*1	4.5mm	4.5mm	2.5mm	2.5mm
Recommended Lens*2	TC ϕ 16mm, MC ϕ 16mm Lens	TC ϕ 16mm, MC ϕ 16mm Lens	TC ϕ 16mm, MC ϕ 16mm Lens	TC ϕ 16mm, MC ϕ 16mm Lens

Roof Prism

CPZ255-2/CPZ270-2/CPZ305-2

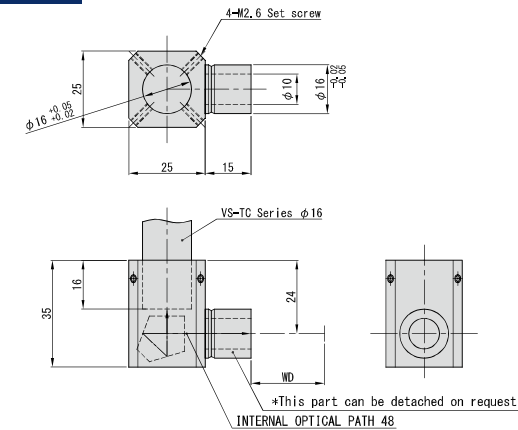
90°prism unit for DVL,TCL Series, CCTV(CVL,CVL-M Series).



Model	CPZ255-2	CPZ270-2	CPZ305-2
	90° Prism (Roof prism)	90° Prism (Roof prism)	90° Prism (Roof prism)
Attachment Size [A]	M25,5P0,5	M27,0P0,5	M30,5P0,5
B*1	16mm	16mm	16mm
Recommended Lens*2	CVL,CVL-M,DVL,TCL Series		

■ Penta Prism

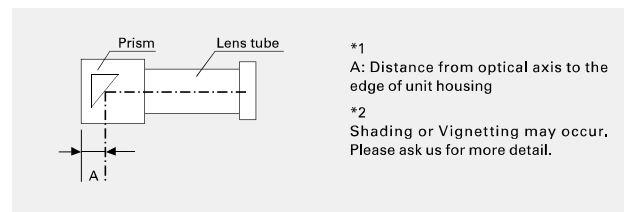
CPZ16-PT



Penta prism makes light path 90° bent without invert or revert image. Generally used for space constraint applications.

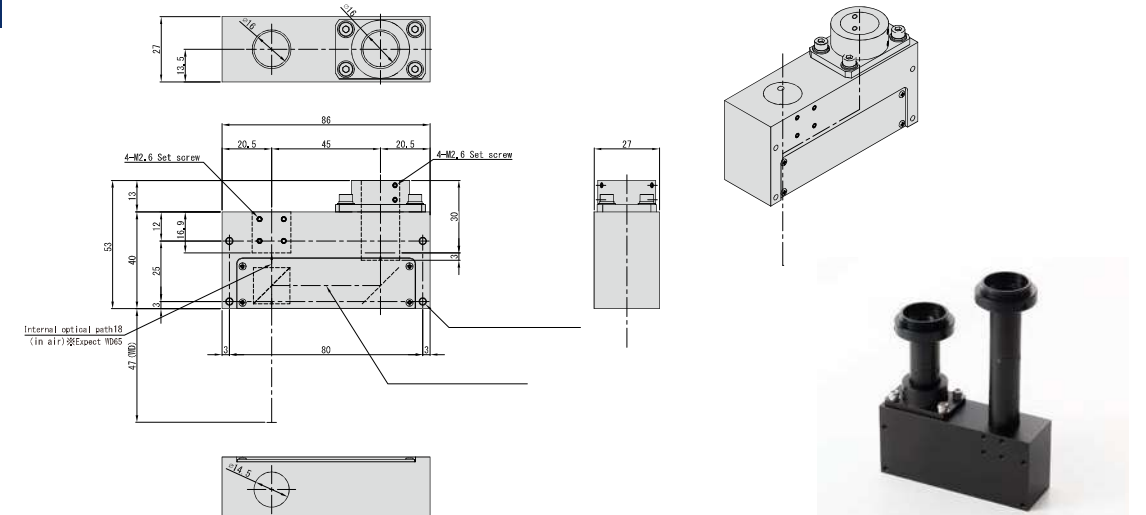


Model	CPZ16-PT
	90° Penta prism
Attachment Size	for ϕ 16mm Lens
A*1	11mm
Recommended Lens*2	TC ϕ 16mm, MC ϕ 16mm Lens



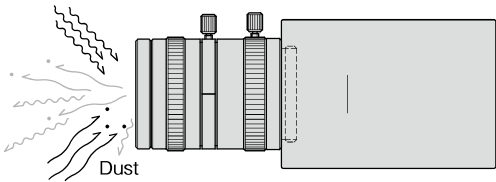
■ Prism Adapter for two cameras

CPZ16-2CM

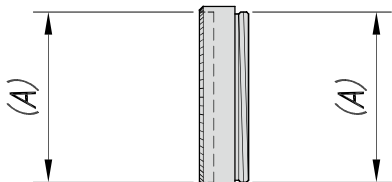


Protection Cover Filter

C-GA series



Lens Dust Proof

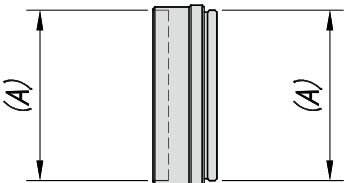


Protect the lens from dust, UV rays etc.

Model	C-GA225	C-GA255	C-GA270	C-GA305	C-GA340	C-GA355	C-GA375	C-GA430	C-GA460	C-GA □□□
	Protection Cover Filter									Protection Cover Filter, Customized Thread Size
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

C-PL series



Prevent from Irregular Reflection

Model	C-PL225	C-PL255	C-PL270	C-PL305	C-PL340	C-PL355	C-PL375	C-PL430	C-PL460	C-PL □□□
	Rotary Polarized Filter									Rotary Polarized Filter, Customized Filter Thread
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

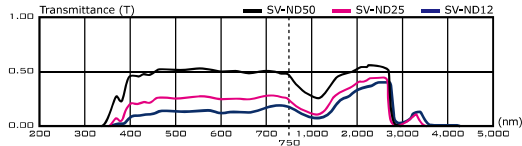
Model	C-PL255SS	C-PL270SS	C-PL305SS
Thread Size	M25.5 P0.5	M27.0 P0.5	M30.5 P0.5

*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.

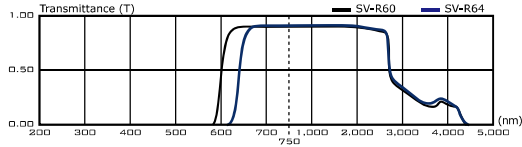
C-ND Series



Neutral density filter

It is designed to reduce the brightness without changing illumination wavelength

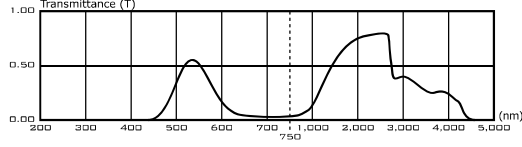
C-R Series



Red filter

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

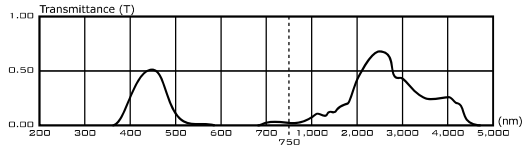
C-G533 Series



Green filter

Adjust the transmittance peak to the center point of visible light

C-B440 Series

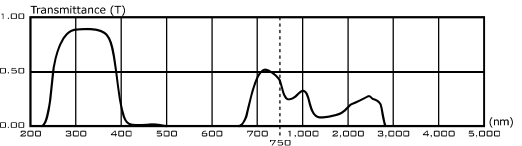


Blue filter

Adjust peak transmittance point to blue

Model		Thread Size
C-ND50-270	Neutral Density Filter Transmission 50%	M27 P0.5
C-ND25-270	Neutral Density Filter Transmission 25%	M27 P0.5
C-ND12-270	Neutral Density Filter Transmission 12.5%	M27 P0.5
C-ND50- □□□	Neutral Density Filter Transmission60% Customized Filter Thread	M □□□ P □
C-ND25- □□□	Neutral Density Filter Transmission25% Customized Filter Thread	M □□□ P □
C-ND12- □□□	Neutral Density Filter Transmission12.5% Customized Filter Thread	M □□□ P □
C-R60-255	Contrast Filter	M25.5 P0.5
C-R60-270	Contrast Filter	M27 P0.5
C-R60-305	Contrast Filter	M30.5 P0.5
C-R60- □□□	Contrast Filter Customized Filter Thread	M □□□ P □
C-R64-255	Contrast Filter	M25.5 P0.5
C-R64-270	Contrast Filter	M27 P0.5
C-R64-305	Contrast Filter	M30.5 P0.5
C-R64- □□□	Contrast Filter Customized Filter Thread	M □□□ P □
C-G533-255	Green Filter Peak Transmission:533nm	M25.5 P0.5
C-G533-270	Green Filter Peak Transmission:533nm	M27 P0.5
C-G533-305	Green Filter Peak Transmission:533nm	M30.5 P0.5
C-G533- □□□	Green Filter Customized FilterThread PeakTransmission533nm	M □□□ P □

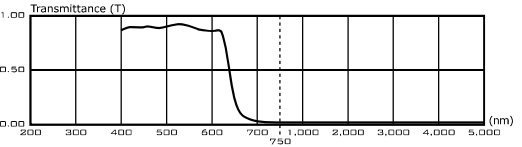
C-UV330 Series



UV transmission filter

Transmit UV and cut the visible light

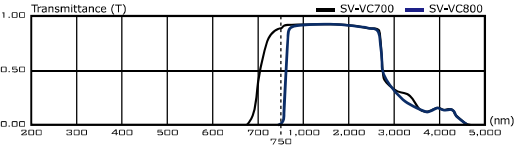
C-IR Series



IR cut off filter

To block Infrared and transmit the visible light

C-VC Series



Visible light cut filter

To block visible light and transmit Near Infrared

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