

Optics

Optical Systems

Free Space Isolators

E-O Devices

Spherical Singlets

Multi-Element Lenses

Cylindrical Lenses

Aspheric Lenses

Mirrors

Diffusers & Lens Arrays

Windows

Prisms

Gratings

Polarization Optics

Beamsplitters

Filters & Attenuators

Gas Cells



The MVL series of imaging lenses are compact and ideal for many CCD cameras. These optics have external C-mount threading, which can be used with the C-Mount adapter to mount to the DC210 and DC310 cameras. A locking screw is available on some of the models to fix the focus and iris positions, which prevents these settings from drifting due to vibrations.

Imaging Lenses for CCD Cameras

- Manually Adjustable Focus, Manual Iris
- Lockable Versions for Vibration Sensitive Applications
- Extremely Compact Form Factor

Design Specifications

ITEM#	f (mm)	MOUNT TYPE	F/#	LOCKING SCREWS	DC210 FIELD OF VIEW HxV (DEGREES)	BACK FOCUS
MVL65	6.5	C	3.9-C	N	41.0 x 31.0	13.00mm
MVL8	8	C	1.4-16	N	33.1 x 25.0	11.6mm
MVL8L	8	C	1.4-16	Y	33.1 x 25.0	11.6mm
MVL12	12	C	1.8-16	N	22.4 x 16.6	11.03mm
MVL12L	12	C	1.8-16	Y	22.4 x 16.6	11.03mm
MVL16	16	C	1.4-16	N	16.9 x 12.7	11.85mm
MVL16L	16	C	1.4-16	Y	16.9 x 12.7	11.85mm
MVL25	25	C	1.6-16	N	11.0 x 8.2	11.6mm
MVL35L	35	C	2.1-16	Y	7.8 x 5.98.2	15.53mm
MVL50	50	C	2.8-22	N	5.5 x 4.1	22.1mm
MVL50L	50	C	2.8-22	Y	5.5 x 4.1	22.1mm
MVL75	75	C	3.9-32	N	3.5 x 2.5	27.115mm
MVL75L	75	C	3.9-32	Y	3.5 x 2.5	27.115mm

ITEM #	\$	£	€	RMB	DESCRIPTION
MVL65	\$ 201.00	£ 126.60	€ 186,90	¥ 1,919.60	6.5mm F/3.9 CCD Imaging Lens
MVL8	\$ 219.30	£ 138.20	€ 203,90	¥ 2,094.30	8mm F/1.4 CCD Imaging Lens
MVL8L	\$ 258.90	£ 163.10	€ 240,80	¥ 2,472.50	8mm F/1.4 w/ Lockable CCD Imaging Lens
MVL12	\$ 213.20	£ 134.30	€ 198,30	¥ 2,036.10	12mm F/1.8 CCD Imaging Lens
MVL12L	\$ 251.50	£ 158.40	€ 233,90	¥ 2,401.80	12mm F/1.8 w/ Lockable CCD Imaging Lens
MVL16	\$ 198.90	£ 125.30	€ 185,00	¥ 1,899.50	16mm F/1.4 CCD Imaging Lens
MVL16L	\$ 235.90	£ 148.60	€ 219,40	¥ 2,252.80	16mm F/1.4 w/ Lockable CCD Imaging Lens
MVL25	\$ 201.00	£ 126.60	€ 186,90	¥ 1,919.60	25mm F/1.6 CCD Imaging Lens
MVL35L	\$ 213.20	£ 134.30	€ 198,30	¥ 2,036.10	35mm F/2.1 w/ Lockable CCD Imaging Lens
MVL50	\$ 228.60	£ 144.00	€ 212,60	¥ 2,183.10	50mm F/2.8 CCD Imaging Lens
MVL50L	\$ 251.50	£ 158.40	€ 233,90	¥ 2,401.80	50mm F/2.8 w/ Lockable CCD Imaging Lens
MVL75	\$ 242.80	£ 153.00	€ 225,80	¥ 2,318.70	75mm F/3.9 CCD Imaging Lens
MVL75L	\$ 258.90	£ 163.10	€ 240,80	¥ 2,472.50	75mm F/3.9 w/ Lockable CCD Imaging Lens

Video Lens Mount Adapters

CCTV lenses come in two different lens mounts. C-Mount lenses have a flange back distance of 12.5mm and CS-Mount lenses have a distance of 7.5mm. Our adapters convert either the C-Mount or the CS-Mount threading to SM1 threading, which is compatible with the DC210 and DC310 line of CCD cameras as well as an extensive array of optomechanical parts made by Thorlabs.



ITEM #	\$	£	€	RMB	DESCRIPTION
DC-CM1	\$ 40.00	£ 25.20	€ 37,20	¥ 382.00	C-Mount to SM1 Threading Adapter
DC-CS1	\$ 40.00	£ 25.20	€ 37,20	¥ 382.00	CS-Mount to SM1 Threading Adapter

Polarization Measurement Systems

- Free-Space Beam and "In-Fiber" Polarimetry
- DOP, ER, & PDL/PMD Measurements
- 400nm-1700nm (4 Models)
- 70dB Dynamic Range
- SOP Accuracy $\pm 0.2^\circ$ (on Poincaré Sphere)



See Page 976

PAX5700 Series Polarimeter