



MACHINE VISION LENSES

For Imaging Application

MV series of high resolution lenses have been designed and manufactured with the maximum consideration to the use in the Machine Vision applications, imaging and other industrial applications.

Absolute minimum optical distortion, high resolution on entire view-field, rigid mechanical assembly, compactness. All those are assured on every state-of-the-art lens.

For 2/3", 1/2", 1/3" Cameras	MV618TL	MV1614TL	MV2516TL	MV5028TL	MV7539TL
					
Image Format	2/3"	2/3"	2/3"	2/3"	2/3"
Focal Length	6.5mm	16mm	25mm	50mm	75mm
Max. Aperture	F1.8	F1.4	F1.6	F2.8	F3.9
Angular View (H x V)	71.6 X 55.5	30.9 x 23.2	20.0 x 15.0	10.0 x 7.5	6.9 x 5.2
Min.Object Distance	0.15m	0.29m	0.21m	0.44m	0.5m
Flange Back	17.526mm	17.526mm	17.526mm	17.526mm	17.526mm
Lens Mount	C-Mount	C-Mount	C-Mount	C-Mount	C-Mount
Filter Screw	M35.5 P=0.5	M25.5 P=0.5	M25.5 P=0.5	M25.5 P=0.5	M25.5 P=0.5
Dimensions (Dia.x L)	37.0 x 31.5mm	30.5 x 25.0mm	30.5 x 25.5mm	30.5 x 38.5mm	27.5 x 65.5mm
Weight	60g	48g	40g	52g	68g

For 2/3", 1/2", 1/3" Cameras		MV1614T	MV2516T	MV5028T	MV7539T
					
Image Format		2/3"	2/3"	2/3"	2/3"
Focal Length		16mm	25mm	50mm	75mm
Max. Aperture		F1.4	F1.6	F2.8	F3.9
Angular View (H x V)		30.9 x 23.2	20.0 x 15.0	10.0 x 7.5	6.9 x 5.2
Min.Object Distance		0.29m	0.21m	0.44m	0.5m
Flange Back		17.526mm	17.526mm	17.526mm	17.526mm
Lens Mount		C-Mount	C-Mount	C-Mount	C-Mount
Filter Screw		M25.5 P=0.5	M25.5 P=0.5	M25.5 P=0.5	M25.5 P=0.5
Dimensions (Dia.x L)		30.5 x 25.0mm	30.5 x 25.5mm	30.5 x 38.5mm	27.5 x 65.5mm
Weight		50g	37g	50g	64g

* Models with suffix TL is provided with lock screws on the focus ring and the iris ring. Models with suffix T has no provision of lock screws on the lens.

* Angular view is obtained on the 2/3" sensor camera.