M1614-SW

f=16mm F1.4
for 2/3 type SWIR (800nm～1700nm) Cameras
C-Mount

Model No.		M1614-SW		Effective	Front	φ18.5mm		
Focal Length		16mm		Lens Aperture	Rear	φ13.2mm		
Max. Aperture Ratio		1:1.4		Distortion	2/3type	-0.5% (y=5.5)		
Max. Image Circle		φ12.3mm			1/2type	-0.5% (y=4.0)		
Operation Range	Iris	F1.4- F16C		Back Focal Length		13.3mm		
	Focus	0.3m - Inf.		Flange Back Length		17.526mm		
Control	Iris	Manual		Mount		C-Mount		
	Focus	Manual		Filter Size		M30.5 P=0.5mm		
Object Dimension	2/3 type	17.0cm x 12.7cm		Dimensions		φ33.5mm x 28.2mm		
at M.O.D	1/2 type	12.3cm x 9.2cm		Weight		60g		
Angle of View	D	2/3 type	37.7°	1/2 type	27.9°			
	H	H8.80mm x V6.60mm	30.6°	H6.40mm x V4.80mm	22.5°			
	V		23.2°		16.9°			
Angle of View	D	640 x 512	41.7°	320 x 256	35.3°	320 x 256	28.6°	
(InGaAs Detector)	H	(Pixel Pitch : 15μm)	33.2°	(Pixel Pitch : 25μm)	27.9°	(Pixel Pitch : 20μm)	22.5°	
	V	H9.60mm x V7.68mm	26.8°	8.00mm x V6.40mm	22.5°	H6.40mm x V5.12mm	18.0°	
Operating Temperature		-10℃ - +50℃						

M.O.D : Minimum Object Distance

Dimensions

