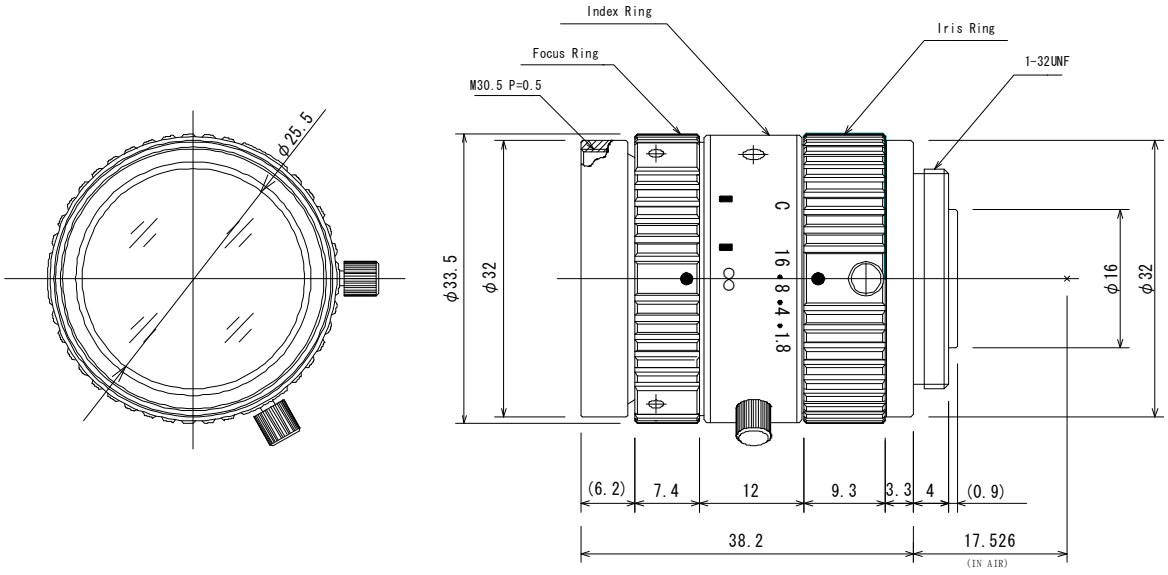
computar

M5018-SW

f=50mm F1.8
for 2/3 type SWIR (800nm～1700nm) Cameras
C-Mount

Model No.		M5018-SW		Effective	Front	φ25.5mm		
Focal Length		50mm		Lens Aperture	Rear	φ9.6mm		
Max. Aperture Ratio		1:1.8		Distortion	2/3type	-0.3% (y=5.5)		
Max. Image Circle		φ12.3mm			1/2type	-0.1% (y=4.0)		
Operation Range	Iris	F1.8- F16C		Back Focal Length		13.6mm		
	Focus	0.6m - Inf.		Flange Back Length		17.526mm		
Control	Iris	Manual		Mount		C-Mount		
	Focus	Manual		Filter Size		M30.5 P=0.5mm		
Object Dimension	2/3type	10.4cm x 7.8cm		Dimensions		φ33.5mm x 38.2mm		
at M.O.D	1/2type	7.6cm x 5.7cm		Weight		85g		
Angle of View	D	2/3 type	13.0°	1/2 type	9.5°			
	H	H8.80mm x V6.60mm	10.4°	H6.40mm x V4.80mm	7.6°			
	V		7.8°		5.7°			
Angle of View	D	640 x 512	14.5°	320 x 256	12.1°	320 x 256	9.7°	
(InGaAs Detector)	H	(Pixel Pitch : 15μm)	11.3°	(Pixel Pitch : 25μm)	9.5°	(Pixel Pitch : 20μm)	7.6°	
	V	H9.60mm x V7.68mm	9.1°	H8.00mm x V6.40mm	7.6°	H6.40mm x V5.12mm	6.1°	
Operating Temperature		-10℃ - +50℃						

M.O.D : Minimum Object Distance

Dimensions