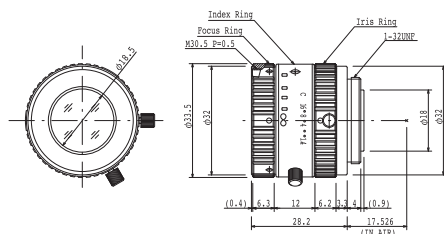


- Designed for for SWIR (800-1700nm) range
- Compact & Light weight

- Low F-stop
- Covers 640 x 512, 15μm Sensor

## M1614-SW



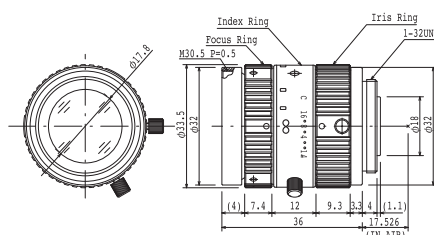
Focal Length		16mm			
Max. Aperture Ratio		1:1.4			
Max. Image Circle		φ 12.3mm			
Operation Range	Iris	F1.4 - F16C			
	Focus	0.3m - Inf.			
Control	Iris	Manual			
	Focus	Manual			
Object Dimension at M.O.D.		17.0(H)cm x 12.7(V)cm 2/3"			
Angle of View	D	2/3"	37.7°	1/2"	27.9°
	H		30.6°		22.5°
	V		23.2°		16.9°
Operating Temperature		- 10° C ~ +50° C			

Distortion	2/3"	-0.5% (y=5.5)	1/2"	-0.5% (y=4.0)
Back Focal Length	13.3mm (Inf)			
Flange Back Length	17.526mm			
Mount	C-Mount			
Filter Size	M30.5 P=0.5mm			
Dimensions	φ 33.5mm x 28.2mm			
Weight	60g			

Distortion	2/3"	-0.5% (y=5.5)	1/2"	-0.5% (y=4.0)
Back Focal Length	13.3mm (Inf)			
Flange Back Length	17.526mm			
Mount	C-Mount			
Filter Size	M30.5 P=0.5mm			
Dimensions	φ 33.5mm x 28.2mm			
Weight	60g			

Angle of View (InGaAs Detector)	D	640 x 512	41.7°	320 x 256	35.3°	320 x 256	28.6°
	H	(Pixel Pitch : 15μm)	33.2°	(Pixel Pitch : 25μm)	27.9°	(Pixel Pitch : 20μm)	22.5°
	V	H9.60mm x V7.68mm	26.8°	H8.00mm x V6.40mm	22.5°	H6.40mm x V5.12mm	18.0°

## M2514-SW



Focal Length		25mm			
Max. Aperture Ratio		1:1.4			
Max. Image Circle		φ 12.3mm			
Operation Range	Iris	F1.4 - F16C			
	Focus	0.3m - Inf.			
Control	Iris	Manual			
	Focus	Manual			
Object Dimension at M.O.D.		10.5(H)cm x 7.8(V)cm 2/3"			
Angle of View	D	2/3"	24.7°	1/2"	18.1°
	H		19.8°		14.5°
	V		14.9°		10.9°
Operating Temperature		-10° C ~ +50° C			

Distortion	2/3"	-0.5% (y=5.5)	1/2"	-0.2% (y=4.0)
Back Focal Length	13.4mm (Inf)			
Flange Back Length	17.526mm			
Mount	C-Mount			
Filter Size	M30. 5 P=0.5mm			
Dimensions	φ 33.5mm x 36.0mm			
Weight	71.2g			

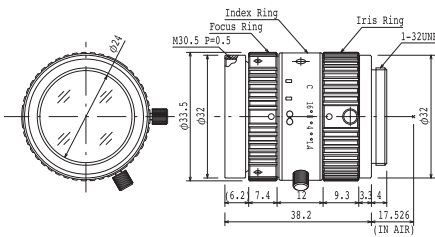
Distortion	2/3"	-0.5% (y=5.5)	1/2"	-0.2% (y=4.0)
Back Focal Length	13.4mm (Inf)			
Flange Back Length	17.526mm			
Mount	C-Mount			
Filter Size	M30.5 P=0.5mm			
Dimensions	φ 33.5mm x 36.0mm			
Weight	71.2g			

Angle of View (InGaAs Detector)	D	640 x 512	27.6°	320 x 256	23.0°	320 x 256	18.5°
	H	(Pixel Pitch : 15μm)	21.6°	(Pixel Pitch : 25μm)	18.1°	(Pixel Pitch : 20μm)	14.5°
	V	H9.60mm x V7.68mm	17.3°	H8.00mm x V6.40mm	14.5°	H6.40mm x V5.12mm	11.6°

- Designed for for SWIR (800-1700nm) range
- Compact & light weight

- Low F-stop
- Covers 640 x 512, 15μm sensor

## M3514-SW

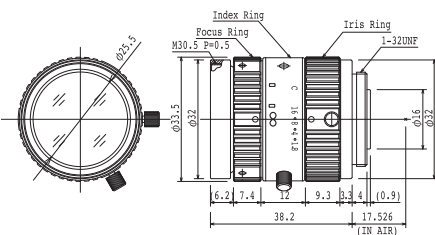


Focal Length		35mm			
Max. Aperture Ratio		1:1.4			
Max. Image Circle		φ 12.3mm			
Operation Range	Iris	F1.4 - F16C			
	Focus	0.3m - Inf.			
Control	Iris	Manual			
	Focus	Manual			
Object Dimension at M.O.D.		8.0(H)cm x 6.0(V)cm 2/3"			
Angle of View	D	2/3"	18.4°	1/2"	13.4°
	H		14.7°		10.7°
	V		11.1°		8.1°
Operating Temperature		-10°C ~ +50°C			

Distortion	2/3"	-0.1% (y=5.5)	1/2"	-0% (y=4.0)
Back Focal Length	146mm			
Flange Back Length	17.526mm			
Mount	C-Mount			
Filter Size	M30.5 P=0.5mm			
Dimensions	φ 33.5mm x 38.2mm			
Weight	87g			

Angle of View (InGaAs Detector)	D	640 x 512 (Pixel Pitch : 15μm)	20.5°	320 x 256 (Pixel Pitch : 25μm)	17.1°	320 x 256 (Pixel Pitch : 20μm)	13.7°
	H	H9.60mm x V7.68mm	16.0°	H8.00mm x V6.40mm	13.4°	H6.40mm x V5.12mm	10.7°
	V		12.9°		10.7°		8.6°

## M5018-SW



Focal Length		50mm			
Max. Aperture Ratio		1:1.8			
Max. Image Circle		φ 12.3mm			
Operation Range	Iris	F1.8 - F16C			
	Focus	0.6m - Inf.			
Control	Iris	Manual			
	Focus	Manual			
Object Dimension at M.O.D.		10.4(H)cm x 7.8(V)cm 2/3"			
Angle of View	D	2/3"	13.0°	1/2"	9.5°
	H		10.4°		7.6°
	V		7.8°		5.7°
Operating Temperature		-10° C ~ +50° C			

Distortion	2/3"	-0.3% (y=5.5)	1/2"	-0.1% (y=4.0)
Back Focal Length	136mm			
Flange Back Length	17.526mm			
Mount	C-Mount			
Filter Size	M30.5 P=0.5mm			
Dimensions	φ 33.5mm x 38.2mm			
Weight	85g			

Angle of View (InGaAs Detector)	D	640 x 512 (Pixel Pitch : 15μm)	14.5°	320 x 256 (Pixel Pitch : 25μm)	12.1°	320 x 256 (Pixel Pitch : 20μm)	9.7°
	H	H9.60mm x V7.68mm	11.3°	H8.00mm x V6.40mm	9.5°	H6.40mm x V5.12mm	7.6°
	V		9.1°		7.6°		6.1°