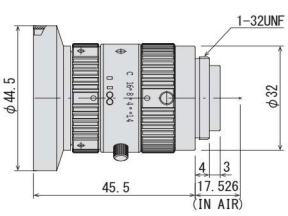
MP2 Series

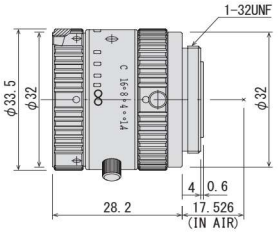
2/3" 1.5 MEGAPIXEL FIXED FOCAL LENS

Model No.	Format	Focal Length	F No.	Working Distance	Weight
H0514-MP2	1/2"	5mm	F1.4 - F16C	0.1m - 0.9m	102g
M0814-MP2	2/3"	8mm	F1.4 - F16C	0.1m - Inf.	63g
M1214-MP2		12mm	F1.4 - F16C	0.15m - Inf.	62g
M1614-MP2		16mm	F1.4 - F16C	0.3m - Inf.	60g
M2514-MP2		25mm	F1.4 - F16C	0.3m - Inf.	71g
M3514-MP		35mm	F1.4 - F16C	0.3m - Inf.	87g
M5018-MP2		50mm	F1.8 - F16C	0.5m - Inf.	85g
M7528-MP		75mm	F2.8 - F16C	0.3m - Inf.	113g

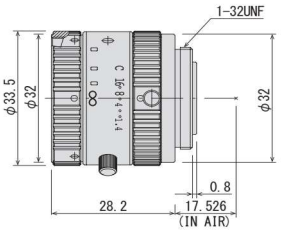
H0514-MP2



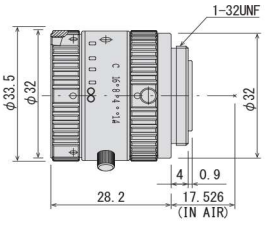
M0814-MP2



M1214-MP2



M1614-MP2

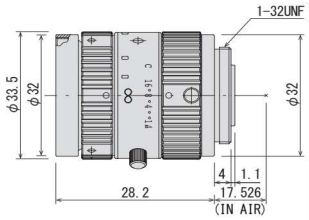


		M0514-MP2				M0814-MP2				M1214-MP2				M1614-MP2			
Focal Length		5mm				8mm				12mm				16mm			
Max. Aperture Ratio		1:1.4				1:1.4				1:1.4				1:1.4			
Max. Image Format		6.4mm × 4.8mm (ϕ 8mm)				8.8mm × 6.6mm (ϕ 11mm)				8.8mm × 6.6mm (ϕ 11mm)				8.8mm × 6.6mm (ϕ 11mm)			
Operation Range	Iris	F1.4 - F16C				F1.4 - F16C				F1.4 - F16C				F1.4 - F16C			
	Focus	0.1m - 0.9m				0.1m - Inf.				0.15m - Inf.				0.3m - Inf.			
Control	Iris	Manual				Manual				Manual				Manual			
	Focus	Manual				Manual				Manual				Manual			
Angle of View	D	1/2"	76.7°	1/3"	62.3°	2/3"	67.1°	1/2"	51.9°	2/3"	49.2°	1/2"	37.0°	2/3"	38.0°	1/2"	28.2°
	H		65.5°		51.4°		56.3°		42.5°		40.4°		30.0°		30.8°		22.7°
	V		51.4°		39.5°		43.7°		32.4°		30.8°		22.7°		23.4°		17.1°
Operating Temperature		-10° C ~ +50° C				-10° C ~ +50° C				-10° C ~ +50° C				-10° C ~ +50° C			
Optical Distortion		1/2"	-0.48%	1/3"	-2.26%	2/3"	-0.1%	1/2"	-1.1%	2/3"	-0.1%	1/2"	-0.35%	2/3"	-0.1%	1/2"	-0.3%
Back Focal Length		10.8mm (WD=900mm)				13.1mm (Inf)				13.1mm (Inf)				13.1mm (Inf)			
Flange Back Length		17.526mm				17.526mm				17.526mm				17.526mm			
Mount		C-Mount				C-Mount				C-Mount				C-Mount			
Filter Size		M43 P=0.75mm				M30.5 P=0.5mm				M30.5 P=0.5mm				M30.5 P=0.5mm			
Dimensions		ϕ 44.5mm × 45.5mm				ϕ33.5mm × 28.2mm				ϕ33.5mm × 28.2mm				ϕ33.5mm × 28.2mm			
Weight		102g				63g				62g				60g			

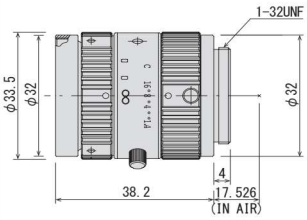
- Eight focal lengths in series: 5mm, 8mm, 12mm, 16mm, 25mm, 35mm, 50mm, and 75mm
- Compatible with 2/3" format sensor (H0514-MP2 : 1/2")
- Low distortion (less than 1.0%)
- Locking set screws for focus and iris
- Compact design - diameter 33.5mm (H0514-MP2 : 44.5mm)

1/2" 2/3" | 1.5MP | MANUAL FIX

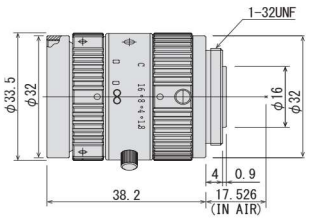
M2514-MP2



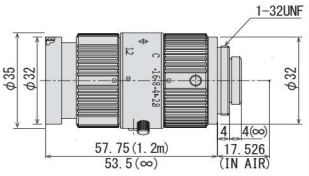
M3514-MP



M5018-MP2



M7528-MP



		M2514-MP2	M3514-MP	M5018-MP2	M7528-MP
Focal Length		25mm	35mm	50mm	75mm
Max. Aperture Ratio		1:1.4	1:1.4	1:1.8	1:2.8
Max. Image Format		8.8mm × 6.6mm (φ 11mm)	8.8mm × 6.6mm (φ 11mm)	8.8mm × 6.6mm (φ 11mm)	8.8mm × 6.6mm (φ 11mm)
Operation Range	Iris	F1.4 - F16C	F1.4 - F16C	F1.8 - F16C	F2.8 - F16C
	Focus	0.3m - Inf.	0.3m - Inf.	0.5m - Inf.	0.3m - Inf. (※)
Control	Iris	Manual	Manual	Manual	Manual
	Focus	Manual	Manual	Manual	Manual
Angle of View	D	2/3" 24.9° / 1/2" 18.2°	2/3" 17.3° / 1/2" 12.6°	2/3" 13.1° / 1/2" 9.5°	2/3" 8.5° / 1/2" 6.2°
	H	2/3" 20.0° / 1/2" 14.6°	2/3" 13.9° / 1/2" 10.1°	2/3" 10.5° / 1/2" 7.6°	2/3" 6.8° / 1/2" 5.0°
	V	15.1° / 11.0°	10.4° / 7.6°	7.9° / 5.7°	5.1° / 3.7°
Operating Temperature		-10° C ~ +50° C	-10° C ~ +50° C	-10° C ~ +50° C	-10° C ~ +50° C

	M2514-MP2	M3514-MP	M5018-MP2	M7528-MP
Optical Distortion	2/3" -0.3% / 1/2" -0.1%	2/3" -0.8% / 1/2" -0.4%	2/3" -0.3% / 1/2" -0.2%	2/3" -0.4% / 1/2" -0.2%
Back Focal Length	13.1mm (Inf)	17.1mm (WD=400mm)	13.1mm (Inf)	21.5mm (WD=400mm)
Flange Back Length	17.526mm	17.526mm	17.526mm	17.526mm
Mount	C-Mount	C-Mount	C-Mount	C-Mount
Filter Size	M30.5 P=0.5mm	M30.5 P=0.5mm	M30.5 P=0.5mm	M30.5 P=0.5mm
Dimensions	φ33.5mm × 36.0mm	φ 33.5mm × 38.2mm	φ 33.5mm × 38.2mm	φ 35mm × 57.75mm
Weight	71g	87g	85g	113g

*Factory setting is 0.3-1.2m. Focus can be adjusted to infinity by removing "Focus Limit Screw".