

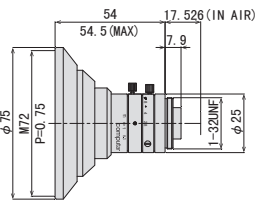


# MPW3 Series

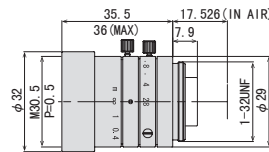
2/3" 6 MEGA PIXEL FIXED FOCAL LENS

Model No.	Format	Focal Length	F No.	Working Distance	Weight
M0528-MPW3	2/3"	5mm	F2.8-F16	0.1m-Inf.	163g
M0828-MPW3		8mm		0.1m-Inf.	58g
M1228-MPW3		12mm		0.1m-Inf.	60g
M1628-MPW3		16mm		0.25m-Inf.	37g
M2528-MPW3		25mm		0.2m-Inf.	42g
M3528-MPW3		35mm		0.25m-Inf.	48g
M5028-MPW3		50mm		0.3m-Inf.	65g
M7528-MPW3		75mm		0.4m-Inf.	102g

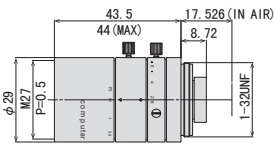
M0528-MPW3



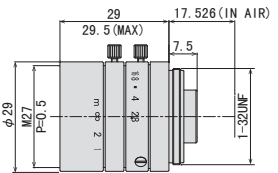
M0828-MPW3



M1228-MPW3



M1628-MPW3



Focal Length	5mm					8mm					12mm					16mm								
Max. Aperture Ratio	1:2.8					1:2.8					1:2.8					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 F2.8 - F16.0					Iris F2.8 - F16.0					Iris F2.8 - F16.0					Iris F2.8 - F16.0								
	Focus 0.1m - Inf.					Focus 0.1m - Inf.					Focus 0.1m - Inf.					Focus 0.25m - Inf.								
Control	Iris Manual					Iris Manual					Iris Manual					Iris Manual								
	Focus Manual					Focus Manual					Focus Manual					Focus Manual								
Angle of View	D	94.6°	83.8°	71.4°		68.5°	57.7°	47.2°		49.3°	40.8°	33.0°		37.8°	31.4°	25.0°								
	H	2/3" 83.2°	1/1.8" 71.6°	1/2.5" 59.8°		2/3" 57.0°	1/1.8" 47.3°	1/2.5" 38.5°		2/3" 40.3°	1/1.8" 33.1°	1/2.5" 26.7°		2/3" 30.7°	1/1.8" 25.3°	1/2.5" 20.2°								
	V	67.5°	58.3°	46.6°		44.2°	37.5°	29.4°		30.8°	26.0°	20.3°		23.3°	19.2°	15.3°								
Operating Temperature	-10°C ~ +50°C					-10°C ~ +50°C					-10°C ~ +50°C					-10°C ~ +50°C								
Optical Distortion	2/3"	0.03%	1/1.8"	-2.14%	1/2.5"	-2.72%	2/3"	-1.80%	1/1.8"	-1.68%	1/2.5"	-1.28%	2/3"	-0.10%	1/1.8"	0.04%	1/2.5"	0.00%	2/3"	0.47%	1/1.8"	0.15%	1/2.5"	0.03%
Back Focal Length	9.2mm					10.1mm					9.2mm					10.3mm								
Flange Back Length	17.526mm					17.526mm					17.526mm					17.526mm								
Mount	C-Mount					C-Mount					C-Mount					C-Mount								
Filter Size	M72 P=0.75mm					M30.5 P=0.5mm					M27 P=0.5mm					M27 P=0.5mm								
Dimensions	φ 75mm × 54mm					φ 32mm × 35.5mm					φ 29mm × 43.5mm					φ 29mm × 29mm								
Weight	163g					58g					60g					37g								

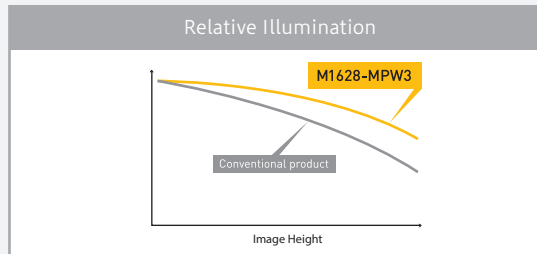
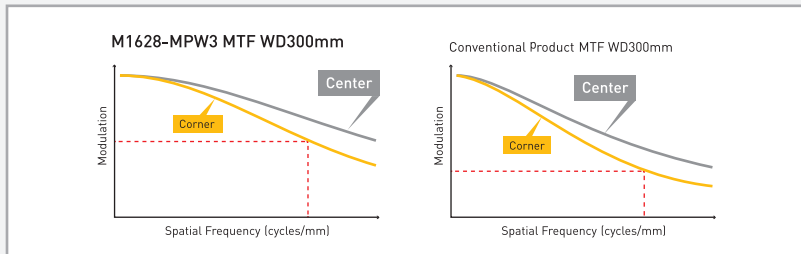
- Suitable for 2/3" 6 megapixel
- A variety of focal lengths from 5mm to 75mm
- Maintains high performance at long WD
- Has an ultra-compact Ø29 diameter with a nearly-identical mechanical length
- High resolution up to the edges of the screen
- Vibration resistance up to 5G

2/3"

6MP

MANUAL

FIX



	M2528-MPW3	M3528-MPW3	M5028-MPW3	M7528-MPW3

Focal Length	25mm					35mm					50mm					75mm									
Max. Aperture Ratio	1:2.8					1:2.8					1:2.8					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	F2.8 - F16.0					Iris	F2.8 - F16.0					Iris	F2.8 - F16.0					Iris	F2.8 - F16.0					
	Focus	0.2m - Inf.					Focus	0.25m - Inf.					Focus	0.3m - Inf.					Focus	0.4m - Inf.					
Control	Iris	Manual					Iris	Manual					Iris	Manual					Iris	Manual					
	Focus	Manual					Focus	Manual					Focus	Manual					Focus	Manual					
Angle of View	D	24.6°		20.3°		16.1°		17.9°		14.4°		9.8°		12.5°		10.2°		8.1°		8.4°		6.9°		5.4°	
	H	2/3"	19.9°	1/1.8"	16.3°	1/2.5"	13.0°	2/3"	14.3°	1/1.8"	11.7°	1/2.5"	7.8°	2/3"	10.0°	1/1.8"	8.2°	1/2.5"	6.5°	2/3"	6.7°	1/1.8"	5.5°	1/2.5"	4.3°
	V	15.0°		12.3°		9.8°		10.8°		8.7°		5.9°		7.5°		6.2°		4.9°		5.0°		4.1°		3.3°	
Operating Temperature	-10°C ~ +50°C					-10°C ~ +50°C					-10°C ~ +50°C					-10°C ~ +50°C									

Optical Distortion	2/3"	0.77%	1/1.8"	0.49%	1/2.5"	0.29%	2/3"	0.06%	1/1.8"	0.04%	1/2.5"	0.03%	2/3"	0.00%	1/1.8"	0.00%	1/2.5"	0.00%	2/3"	0.33%	1/1.8"	0.21%	1/2.5"	0.12%
Back Focal Length	11.5mm					18.0mm					26.3mm					14.6mm								
Flange Back Length	17.526mm					17.526mm					17.526mm					17.526mm								
Mount	C-Mount					C-Mount					C-Mount					C-Mount								
Filter Size	M27 P=0.5mm					M27 P=0.5mm					M27 P=0.5mm					M34 P=0.5mm								
Dimensions	φ 29mm × 31.5mm					φ 29mm × 38.5mm					φ 29mm × 56mm					φ 36mm × 75mm								
Weight	42g					48g					65g					102g								

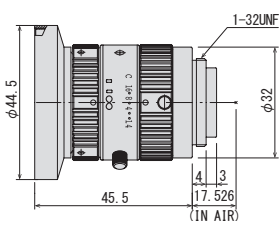


# MP2 Series

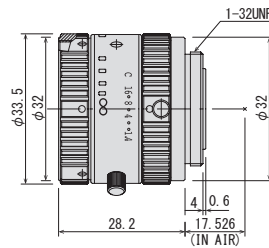
2/3" 1.5 MEGAPIXEL FIXED FOCAL LENS

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

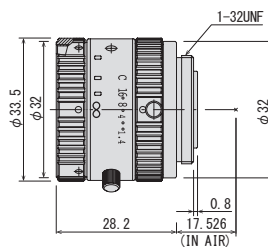
H0514-MP2



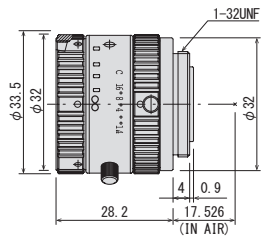
M0814-MP2



M1214-MP2



M1614-MP2



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	76.7°		62.3°		67.1°		51.9°		49.2°		37.0°				
	H	1/2" 65.5°		1/3" 51.4°		2/3" 56.3°		1/2" 42.5°		2/3" 40.4°		1/2" 30.0°				
	V	51.4°		39.5°		43.7°		32.4°		30.8°		22.7°				
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				φ 33.5mm × 28.2mm				φ 33.5mm × 28.2mm				φ 33.5mm × 28.2mm			
Weight	102g				63g				62g				60g			

# 2/3" 1.5 MEGA PIXEL FIXED FOCAL LENS

- 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)

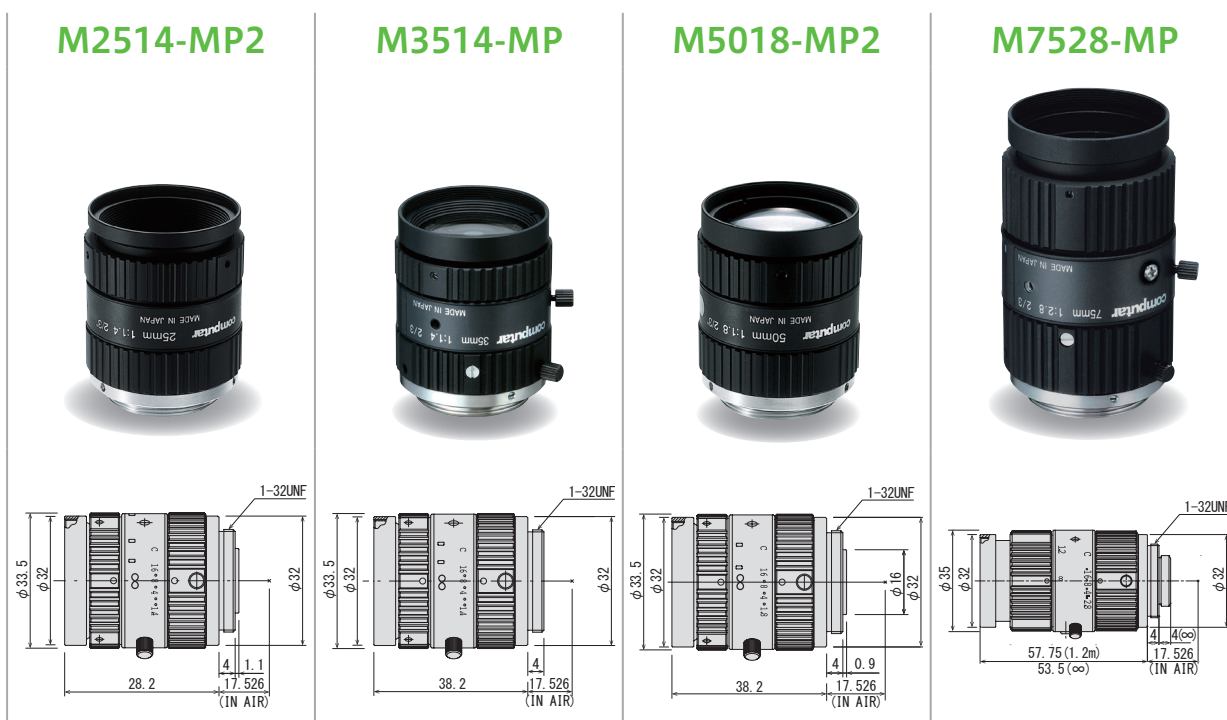
1/2"

1.5MP

MANUAL

2/3"

FIX



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			Iris	F1.4 - F16C			Iris	F1.8 - F16C			Iris	F2.8 - F16C			
	Focus	0.3m - Inf.			Focus	0.3m - Inf.			Focus	0.5m - Inf.			Focus	0.3m - Inf. ( ※ )			
Control	Iris	Manual			Iris	Manual			Iris	Manual			Iris	Manual			
	Focus	Manual			Focus	Manual			Focus	Manual			Focus	Manual			
Angle of View	D	24.9°		18.2°		17.3°		12.6°		13.1°		9.5°		8.5°		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				

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"