



RUGGEDIZED

FOR MACHINE VISION

Ruggedized Mechanical Design Minimizes
Image Aberrations from Shock and Vibration

Redundant focus
locks: lock nut plus
locking screw

All elements
are bonded
inside of the
lens housing

Same optical
design as
Computar's MPW2
Series (2/3" 5MP)

More compact than
Computar's MPW2
Series

FOCAL LENGTH 8mm / 12mm / 16mm / 25mm / 35mm / 50mm **IRIS** Full Open: F4.0 / F5.6 / F8.0 / F11.0

M0824-MPW2-R SERIES



Focal Length	8mm			
Aperture (F)	F2.4/F4.0/F5.6/F8.0/F11.0			
Max. Image Format	8.8mm x 6.6mm (φ 11)			
Control	Iris	Fix		
	Focus	Manual		
Operation Range	0.05m ~ Inf.			
Object Dimensio at M.O.D.	71.4(H)mm x 52.9(V)mm 2/3"			
Angle of View	D	69.32°	56.90°	53.23
	H	2/3° 57.80°	1/18° 46.72°	1/2° 43.74
	V	44.36°	35.75°	33.23
Operation Temperature	-10°C ~ +50°C			
Model	Aperture (F)			
M0824-MPW2-R	2.4			
M0840-MPW2-R	4.0			
M0856-MPW2-R	5.6			
M0880-MPW2-R	8.0			
M0811-MPW2-R	11.0			

M1224-MPW2-R SERIES



Focal Length	12mm						
Aperture (F)	F2.4/F4.0/F5.6/F8.0/F11.0						
Max. Image Format	8.8mm x 6.6mm (φ11)						
Control	Iris						
	Fix						
	Focus						
	Manual						
Operation Range	0.1m ~ Inf.						
Object Dimensio at M.O.D.	85.2(H)mm x 63.7(V)mm 2/3"						
	D	48.6°	39.1°	36.5°			
Angle of View	H	2/3"	39.8°	1/8"	31.7°	1/2"	29.5°
	V		30.4°		24.0°		22.3°
Operation Temperature	-10°C ~ +50°C						

Model	Aperture (F)
M1224-MPW2-R	2.4
M1240-MPW2-R	4.0
M1256-MPW2-R	5.6
M1280-MPW2-R	8.0
M1211-MPW2-R	11.0

M1620-MPW2-R SERIES



Focal Length	16mm				
Aperture (F)	F2.0/F4.0/F5.6/F8.0/F11.0				
Max. Image Format	8.8mm x 6.6mm (φ 11)				
Control	Iris				
	Fix				
	Focus				
	Manual				
Operation Range	0.2m - Inf.				
Object Dimensio at M.O.D.	117.4(H)mm x 88.0(V)mm 2/3"				
	D	37.7°	30.1°	28.0°	
Angle of View	H	2/3°	30.7°	1/18°	24.3°
	V	23.3°	18.5°		17.1°
Operation Temperature	-10℃ ~ +50℃				
Model	Aperture (F)				
M1620-MPW2-R	2.0				
M1640-MPW2-R	4.0				
M1656-MPW2-R	5.6				
M1680-MPW2-R	8.0				
M1611-MPW2-R	11.0				

M2518-MPW2-R SERIES



Focal Length	25mm			
Aperture (F)	F1.8/F4.0/F5.6/F8.0/F11.0			
Max. Image Format	8.8mm x 6.6mm (ø11)			
Control	Iris	Fix		
	Focus	Manual		
Operation Range	0.2m ~ Inf.			
Object Dimensio at M.O.D.	73.1(H)mm x 54.8(V)mm 2/3"			
Angle of View	D	24.6"	19.5"	18.1"
	H	2/3"	19.9°	17.8°
	V	15.0°	11.8°	10.9°
Operation Temperature	-10℃ ~ +50℃			

Model	Aperture (F)
M2518-MPW2-R	1.8
M2540-MPW2-R	4.0
M2556-MPW2-R	5.6
M2580-MPW2-R	8.0
M2511-MPW2-R	11.0

M3520-MPW2-R SERIES



Focal Length	35mm			
Aperture (F)	F2.0/F4.0/F5.6/F8.0/F11.0			
Max. Image Format	8.8mm x 6.6mm(φ 11)			
Control	Iris	Fix		
	Focus	Manual		
Operation Range	0.2m - Inf			
Object Dimensio at M.O.D.	46.3(H)mm x 34.8(V)mm 2/3"			
Angle of View	D	17.8"	14.0"	13.0"
	H	2/3" 14.3"	1/1.8" 11.2"	1/2" 10.4"
	V	10.7"	8.5"	7.8"
Operation Temperature	-10°C ~ +50°C			
Model	Aperture (F)			
M3520-MPW2-R	2.0			
M3540-MPW2-R	4.0			
M3556-MPW2-R	5.6			
M3580-MPW2-R	8.0			
M3511-MPW2-R	11.0			

M5028-MPW2-R SERIES



Focal Length	50mm						
Aperture (F)	F2.8/F4.0/F5.6/F8.0/F11.0						
Max. Image Format	8.8mm x 6.6mm (φ 11)						
Control	Iris						
	Fix						
	Focus						
	Manual						
Operation Range	0.4m ~ Inf.						
Object Dimensio at M.O.D.	63.8(H)/mm x 47.8(V)mm 2/3"						
	D	12.5"	9.9"	9.1"			
Angle of View	H	2/3"	10.0"	1/8"	7.9"	1/2"	7.3"
	V		7.5"		5.9"		5.5"
Operation Temperature	-10°C ~ +50°C						

Model	Aperture (F)
M5028-MPW2-R	2.8
M5040-MPW2-R	4.0
M5056-MPW2-R	5.6
M5080-MPW2-R	8.0
M5011-MPW2-R	11.0