



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

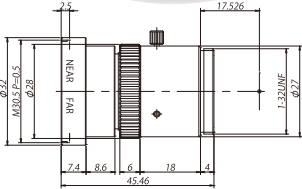
Same optical design as Computar's MPW2 Series (2/3" 5MP)

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

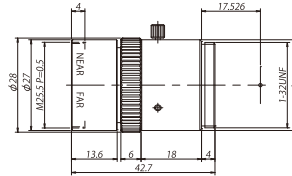
M0824-MPW2-R SERIES



Focal Length	8mm			
Aperture (F)	F2.4/F4.0/F5.6/F8.0/F11.0			
Max. Image Format	8.8mm x 6.6mm(φ11)			
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"			
D	69.32°	56.90°	53.23°	
Angle of View H	2/3°	57.80°	46.72°	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

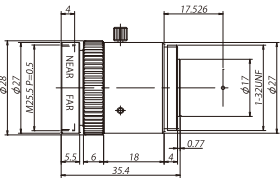
M1224-MPW2-R SERIES



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°	31.7°	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

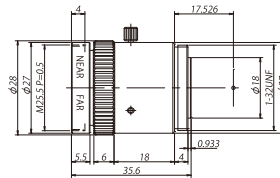
M1620-MPW2-R SERIES



Focal Length	16mm			
Aperture (F)	F2.0/F4.0/F5.6/F8.0/F11.0			
Max. Image Format	8.8mm x 6.6mm(φ11)			
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°	24.3°	22.6°
V	23.3°	18.5°	17.1°	
Operation Temperature	-10°C ~ +50°C			

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

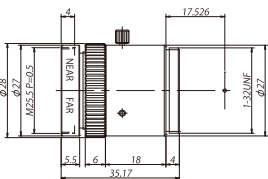
M2518-MPW2-R SERIES



Focal Length	25mm			
Aperture (F)	F1.8/F4.0/F5.6/F8.0/F11.0			
Max. Image Format	8.8mm x 6.6mm(φ11)			
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"			
D	24.6°	19.5°	18.1°	
Angle of View H	2/3°	19.9°	15.7°	14.5°
V	15.0°	11.8°	10.9°	
Operation Temperature	-10°C ~ +50°C			

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

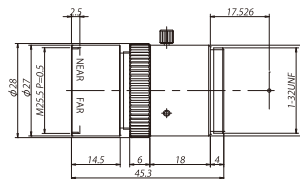
M3520-MPW2-R SERIES



Focal Length	35mm			
Aperture (F)	F2.0/F4.0/F5.6/F8.0/F11.0			
Max. Image Format	8.8mm x 6.6mm(φ11)			
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"			
D	17.8°	14.0°	13.0°	
Angle of View H	2/3°	14.3°	11.2°	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(φ11)			
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°	7.9°	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