



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"
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"
Angle of View	D 48.6° 39.1° 36.5° H 2/3 39.8° 1/18 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

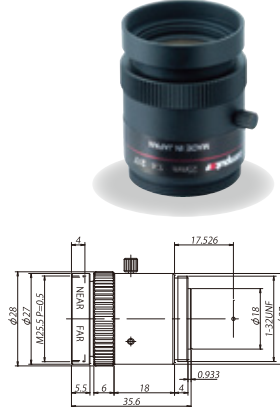
M1620-MPW2-R SERIES



Focal Length	16mm
Aperture (F)	F2.0/F4.0/F5.6/F8.0/F11.0
Max. Image Format	8.8mm x 6.6mm (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"
Angle of View	D 37.7° 30.1° 28.0° H 2/3 30.7° 1/18 24.3° 1/2 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"
Angle of View	D 24.6° 19.5° 18.1° H 2/3 19.9° 1/18 15.7° 1/2 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"
Angle of View	D 17.8° 14.0° 13.0° H 2/3 14.3° 1/18 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 (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"
Angle of View	D 12.5° 9.9° 9.1° H 2/3 10.0° 1/18 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