

computar[®]

MPY SERIES

MACHINE VISION LENSES

1.1" 24MP

- ✓ Compatible with 1.1" 24MP
- ✓ 8mm, 12mm, 16mm, 35mm, and 50mm
- ✓ Target sensor: Sony IMX902/IMX531 (541) / IMX532 (542) / IMX253(304), Gpixel: GMAX0505, ON Semi: XGS1600
- ✓ Floating design achieves ultra-high resolution from near to far
- ✓ Vibration resistance up to 5G
- ✓ Super compact size

IDEAL FOR LOGISTICS APPLICATIONS



computar.com/mpy

MPY Series

1.1" 24MP

V0828-MPY2

Focal Length		8mm					
Max. Aperture Ratio		1:2.8					
Max. Image Format		14.2mm × 10.4mm (φ 17.6mm)					
Operation Range	Iris	F2.8 - F16.0					
	Focus	0.2m - Inf.					
Control	Iris	Manual					
	Focus	Manual					
Angle of View	D	1.1"	93.9°	1"	89.3°	2/3"	69.0°
	H		83.0°		77.3°		57.3°
	V		66.0°		61.7°		44.2°

V1228-MPY2

Focal Length		12mm					
Max. Aperture Ratio		1:2.8					
Max. Image Format		14.2mm × 10.4mm (φ 17.6mm)					
Operation Range	Iris	F2.8 - F16.0					
	Focus	0.3m - Inf.					
Control	Iris	Manual					
	Focus	Manual					
Angle of View	D	1.1"	71.1°	1"	66.4°	2/3"	48.6°
	H		60.5°		55.5°		39.6°
	V		46.2°		42.9°		30.1°

V1628-MPY2

Focal Length		16mm					
Max. Aperture Ratio		1:2.8					
Max. Image Format		14.2mm × 10.4mm (φ 17.6mm)					
Operation Range	Iris	F2.8 - F16.0					
	Focus	0.3m - Inf.					
Control	Iris	Manual					
	Focus	Manual					
Angle of View	D	1.1"	57.9°	1"	53.4°	2/3"	38.2°
	H		48.2°		43.9°		30.9°
	V		36.2°		33.6°		23.4°

V2528-MPY2

Focal Length		25mm					
Max. Aperture Ratio		1:2.8					
Max. Image Format		14.2mm × 10.4mm (φ 17.6mm)					
Operation Range	Iris	F2.8 - F16.0					
	Focus	0.3m - Inf.					
Control	Iris	Manual					
	Focus	Manual					
Angle of View	D	1.1"	38.7°	1"	35.4°	2/3"	24.8°
	H		31.7°		28.7°		20.0°
	V		23.5°		21.7°		15.0°

V3528-MPY2

Focal Length		35mm					
Max. Aperture Ratio		1:2.8					
Max. Image Format		14.2mm × 10.4mm (φ 17.6mm)					
Operation Range	Iris	F2.8 - F16.0					
	Focus	0.3m - Inf.					
Control	Iris	Manual					
	Focus	Manual					
Angle of View	D	1.1"	28.2°	1"	25.8°	2/3"	17.9°
	H		22.9°		20.7°		14.3°
	V		16.9°		15.6°		10.8°

V5028-MPY2

Focal Length		50mm					
Max. Aperture Ratio		1:2.8					
Max. Image Format		14.2mm × 10.4mm (φ 17.6mm)					
Operation Range	Iris	F2.8 - F16.0					
	Focus	0.5m - Inf.					
Control	Iris	Manual					
	Focus	Manual					
Angle of View	D	1.1"	20.0°	1"	18.2°	2/3"	12.6°
	H		16.2°		14.6°		10.1°
	V		11.9°		11.0°		7.6°

Specifications are subject to change without notice.

