computar MEGAPIXEL

NEW

1inch MEGAPIXEL Machine Vision Lens

IMX183	IMX255	IMX267/305	EV2S12M	XGS12000	CMV4000
1" 2.4μm	1" 3.45μm	1" 3.45μm	1" 2.8μm	1" 3.2μm	1" 5.5μm

MPZ Series

- Compact & Light Weight
- Shorter Working Distance
- Floating Design
- Nominal Distortion Design
- Ensure Corner Brightness
- Vibration Resistance : 5G

1inch MEGAPIXEL Machine Vision Lens MPZ Series

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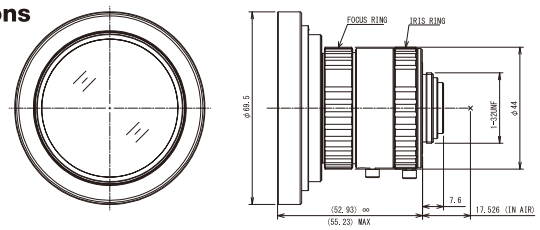
V0826-MPZ

Focal Length		8mm		Distortion	1 Type	-0.8%	
Max. Aperture Ratio		1:2.6			2/3 Type	-2.1%	
Max. Image Format		12.8mm x 9.6mm(ϕ16mm)			1/1.8 Type	-1.9%	
Operation Range	Iris	F2.6 - F16.0		Filter Size	-		
	Focus	0.1m - Inf.		Weight	TBD		
Angle of View	D	1 Type	88.8°	2/3 Type	68.6°	1/1.8 Type	58.2°
	H		76.9°		57.1°		47.8°
	V		61.5°		44.2°		36.6°
Operation Temperature		-10°C - +50°C					

M.O.D : Minimum Object Distance

Dimensions

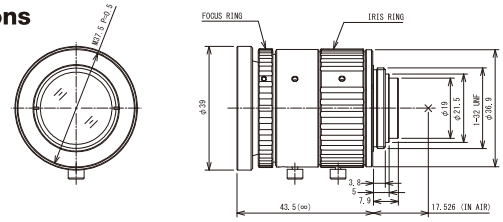


V1226-MPZ

Focal Length		12mm		Distortion	1 Type	0.0%	
Max. Aperture Ratio		1:2.6			2/3 Type	-1.1%	
Max. Image Format		12.8mm x 9.6mm(ϕ16mm)			1/1.8 Type	-1.0%	
Operation Range	Iris	F2.6 - F16.0		Filter Size	M37.5 P=0.5mm		
	Focus	0.1m - Inf.		Weight	98.4g		
Angle of View	D	1 Type	67.4°	2/3 Type	49.8°	1/1.8 Type	41.5°
	H		56.7°		40.7°		33.7°
	V		44.1°		31.0°		25.5°
Operation Temperature		-10°C - +50°C					

M.O.D : Minimum Object Distance

Dimensions

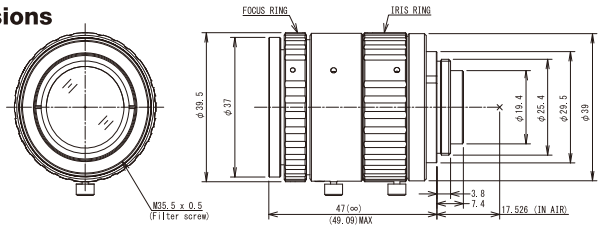


V1624-MPZ

Focal Length		16mm		Distortion	1 Type	0.0%	
Max. Aperture Ratio		1:2.4			2/3 Type	-0.4%	
Max. Image Format		12.8mm x 9.6mm(ϕ16mm)			1/1.8 Type	-0.4%	
Operation Range	Iris	F2.4 - F16.0		Filter Size	M33.5 P=0.5mm		
	Focus	0.1m - Inf.		Weight	TBD		
Angle of View	D	1 Type	53.2°	2/3 Type	38.1°	1/1.8 Type	31.6°
	H		43.8°		30.9°		25.5°
	V		33.6°		23.4°		19.2°
Operation Temperature		-10°C - +50°C					

M.O.D : Minimum Object Distance

Dimensions

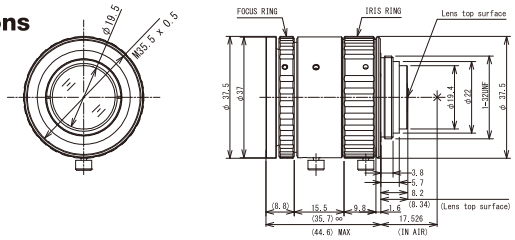


V2520-MPZ

Focal Length		25mm		Distortion	1 Type	0.0%	
Max. Aperture Ratio		1:2.0			2/3 Type	0.0%	
Max. Image Format		12.8mm x 9.6mm(ϕ16mm)			1/1.8 Type	0.0%	
Operation Range	Iris	F2.0 - F16.0		Filter Size	M35.5 P=0.5mm		
	Focus	0.15m - Inf.		Weight	73.1g		
Angle of View	D	1 Type	35.5°	2/3 Type	24.9°	1/1.8 Type	20.5°
	H		28.8°		20.0°		16.4°
	V		21.8°		15.1°		12.4°
Operation Temperature		-10°C - +50°C					

M.O.D : Minimum Object Distance

Dimensions

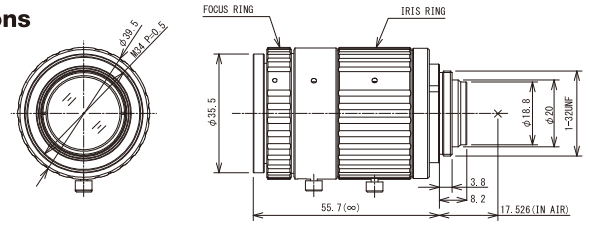


V3522-MPZ

Focal Length		35mm		Distortion	1 Type	0.0%	
Max. Aperture Ratio		1:2.2			2/3 Type	0.0%	
Max. Image Format		12.8mm x 9.6mm(ϕ16mm)			1/1.8 Type	0.0%	
Operation Range	Iris	F2.2 - F16.0		Filter Size	M34 P=0.5mm		
	Focus	0.2m - Inf.		Weight	118.2g		
Angle of View	D	1 Type	25.8°	2/3 Type	17.9°	1/1.8 Type	14.7°
	H		20.8°		14.4°		11.8°
	V		15.7°		10.8°		8.9°
Operation Temperature		-10°C - +50°C					

M.O.D : Minimum Object Distance

Dimensions

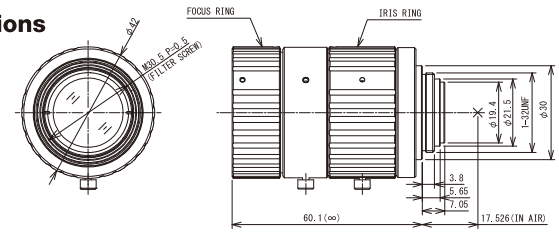


V5024-MPZ

Focal Length		50mm		Distortion	1 Type	0.0%	
Max. Aperture Ratio		1:2.4			2/3 Type	0.0%	
Max. Image Format		12.8mm x 9.6mm(ϕ16mm)			1/1.8 Type	0.0%	
Operation Range	Iris	F2.4 - F16.0		Filter Size	M30.5 P=0.5mm		
	Focus	0.2m - Inf.		Weight	138.5g		
Angle of View	D	1 Type	18.2°	2/3 Type	12.6°	1/1.8 Type	10.3°
	H		14.6°		10.1°		8.3°
	V		11.0°		7.6°		6.2°
Operation Temperature		-10°C - +50°C					

M.O.D : Minimum Object Distance

Dimensions

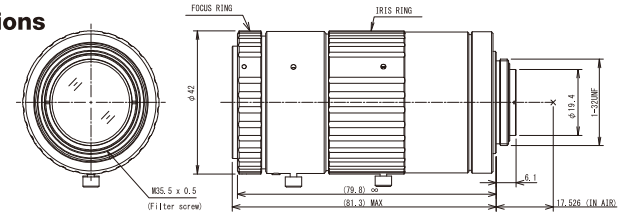


V7531-MPZ

Focal Length		75mm		Distortion	1 Type	0.0%	
Max. Aperture Ratio		1:3.1			2/3 Type	0.0%	
Max. Image Format		12.8mm x 9.6mm(ϕ16mm)			1/1.8 Type	0.0%	
Operation Range	Iris	F3.1 - F16.0		Filter Size	M30.5 P=0.5mm		
	Focus	0.25m - Inf.		Weight	TBD		
Angle of View	D	1 Type	12.2°	2/3 Type	8.4°	1/1.8 Type	6.9°
	H		9.8°		6.7°		5.5°
	V		7.3°		5.0°		4.1°
Operation Temperature		-10°C - +50°C					

M.O.D : Minimum Object Distance

Dimensions



Distribution in the UK & Ireland

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Specification is subject to change without any notice