



# 1 inch MEGAPIXEL Machine Vision Lens

## MPZ Series

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



IMX183  
1" 2.4 $\mu$ m

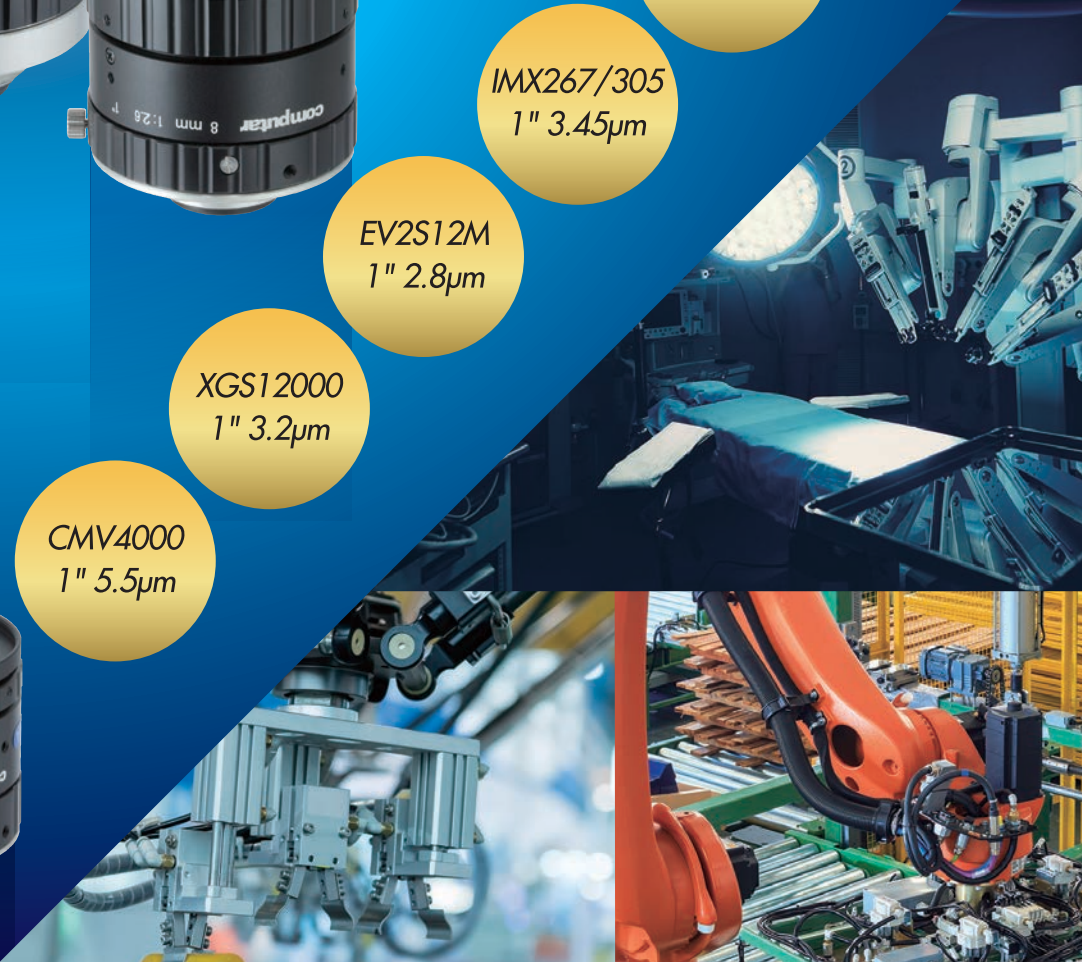
IMX255  
1" 3.45 $\mu$ m

IMX267/305  
1" 3.45 $\mu$ m

EV2S12M  
1" 2.8 $\mu$ m

XGS12000  
1" 3.2 $\mu$ m

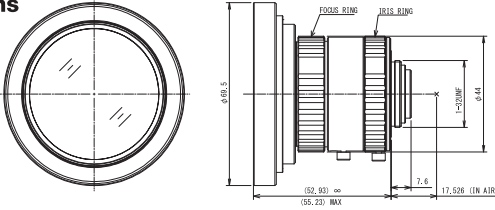
CMV4000  
1" 5.5 $\mu$ m



### V0826-MPZ

Focal Length		8mm		Distortion		1 Type	-0.8%
Max. Aperture Ratio		1:2.6		Distortion		2/3 Type	-2.1%
Max. Image Format		12.8mm x 9.6mm(φ16mm)		Distortion		1/1.8 Type	-1.9%
Operation Range		Iris	F2.6 - F16.0	Filter Size		M82 P=0.75mm ※	
Focus		0.1m - Inf.		Weight		203.1g	
Angle of View	D	1 Type	88.8°	2/3 Type	1/1.8 Type	68.6°	58.2°
	H		76.9°			47.8°	
	V		61.5°			36.6°	
Operation Temperature		-10°C - +50°C		※ When using ZM-0810 (Sold separately)			

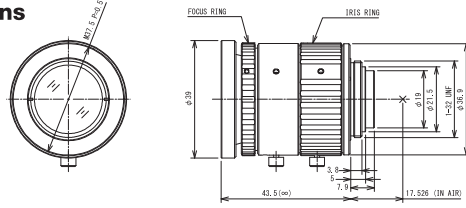
#### Dimensions



### V1226-MPZ

Focal Length		12mm		Distortion		1 Type	0.0%*
Max. Aperture Ratio		1:2.6		Distortion		2/3 Type	-1.1%
Max. Image Format		12.8mm x 9.6mm(φ16mm)		Distortion		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	1/1.8 Type	49.8°	41.5°
	H		56.7°			33.7°	
	V		44.1°			25.5°	
Operation Temperature		-10°C - +50°C					

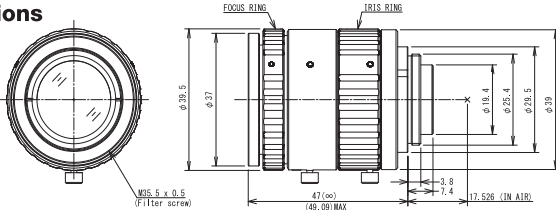
#### Dimensions



### V1624-MPZ

Focal Length		16mm		Distortion		1 Type	0.0%*
Max. Aperture Ratio		1:2.4		Distortion		2/3 Type	-0.4%
Max. Image Format		12.8mm x 9.6mm(φ16mm)		Distortion		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		108.1g	
Angle of View	D	1 Type	53.2°	2/3 Type	1/1.8 Type	38.1°	31.6°
	H		43.8°			25.5°	
	V		33.6°			19.2°	
Operation Temperature		-10°C - +50°C					

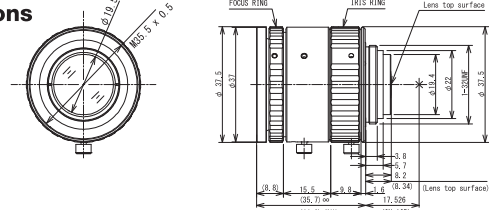
#### Dimensions



### V2520-MPZ

Focal Length		25mm		Distortion		1 Type	0.0%*
Max. Aperture Ratio		1:2.0		Distortion		2/3 Type	0.0%*
Max. Image Format		12.8mm x 9.6mm(φ16mm)		Distortion		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	1/1.8 Type	24.9°	20.5°
	H		28.8°			16.4°	
	V		21.8°			12.4°	
Operation Temperature		-10°C - +50°C					

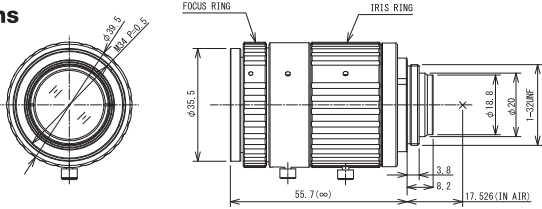
#### Dimensions



### V3522-MPZ

Focal Length		35mm		Distortion		1 Type	0.0%*
Max. Aperture Ratio		1:2.2		Distortion		2/3 Type	0.0%*
Max. Image Format		12.8mm x 9.6mm(φ16mm)		Distortion		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	1/1.8 Type	17.9°	14.7°
	H		20.8°			11.8°	
	V		15.7°			8.9°	
Operation Temperature		-10°C - +50°C					

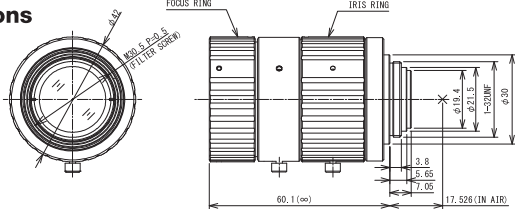
#### Dimensions



### V5024-MPZ

Focal Length		50mm		Distortion		1 Type	0.0%*
Max. Aperture Ratio		1:2.4		Distortion		2/3 Type	0.0%*
Max. Image Format		12.8mm x 9.6mm(φ16mm)		Distortion		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	1/1.8 Type	12.6°	10.3°
	H		14.6°			8.3°	
	V		11.0°			6.2°	
Operation Temperature		-10°C - +50°C					

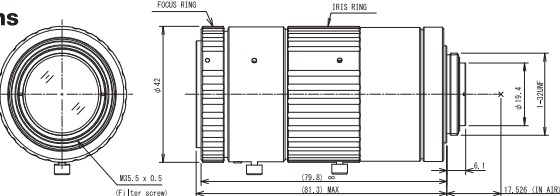
#### Dimensions



### V7531-MPZ

Focal Length		75mm		Distortion		1 Type	0.0%*
Max. Aperture Ratio		1:3.1		Distortion		2/3 Type	0.0%*
Max. Image Format		12.8mm x 9.6mm(φ16mm)		Distortion		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		176.1g	
Angle of View	D	1 Type	12.2°	2/3 Type	1/1.8 Type	8.4°	6.9°
	H		9.8°			5.5°	
	V		7.3°			4.1°	
Operation Temperature		-10°C - +50°C					

#### Dimensions



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