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Ultra-Low Distortion & Compact Design



1.4 inch 45MP Ultra-High-Resolution

Machine Vision Lens

MPT Series

5 Lens Series : 12 / 16 / 25 / 35 / 50mm
C-Mount for 1.4inch Large Format Sensor

IMX530
2.74µm 24MP

IMX492
2.3µm 45MP

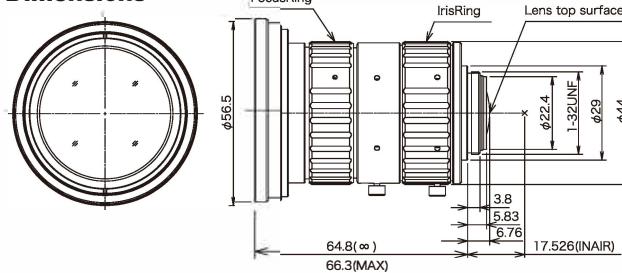
1.4inch 45MP MPT Series

F1228-MPT

Focal Length	12mm		Distortion (Inf.)	1.4 Type	0.13%
Max. Aperture Ratio	1:2.8		Operating Temperature	-10°C - +50°C	
Max. Image Format	φ23.1mm		Mount	C-Mount	
Operation Range	Iris	F2.8 - F16.0	Filter Size	M72 P=0.75mm*	
	Focus	0.15m - Inf.	Weight	205g	
Angle of View	D	1.4 Type		76.6°	71.6°
	H		1.2 Type	61.9°	60.4°
	V			54.8°	46.1°

*For using filters, please attach TM-1243 (Sold Separately).

Dimensions

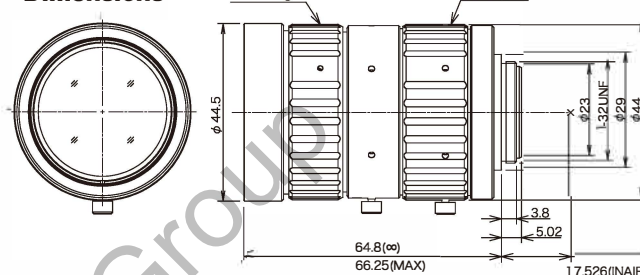


F1628-MPT

Focal Length	16mm		Distortion (Inf.)	1.4 Type	0.06%
Max. Aperture Ratio	1:2.8		Operating Temperature	-10°C - +50°C	
Max. Image Format	φ23.1mm		Mount	C-Mount	
Operation Range	Iris	F2.8 - F16.0	Filter Size	M52 P=0.75mm*	
	Focus	0.15m - Inf.	Weight	187g	
Angle of View	D	1.4 Type		61.0°	56.5°
	H		1.2 Type	48.1°	46.9°
	V			42.2°	35.2°

*For using filters, please attach TM-1643 (Sold Separately).

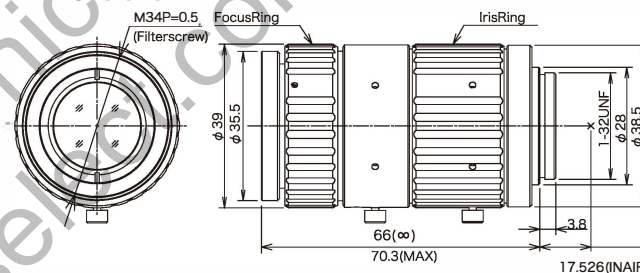
Dimensions



F2524-MPT

Focal Length	25mm		Distortion (Inf.)	1.4 Type	0.06%
Max. Aperture Ratio	1:2.4		Operating Temperature	-10°C - +50°C	
Max. Image Format	φ23.1mm		Mount	C-Mount	
Operation Range	Iris	F2.4 - F16.0	Filter Size	M34 P=0.5mm	
	Focus	0.15m - Inf.	Weight	152g	
Angle of View	D	1.4 Type		42.4°	39.0°
	H		1.2 Type	32.7°	31.8°
	V			28.5°	23.6°

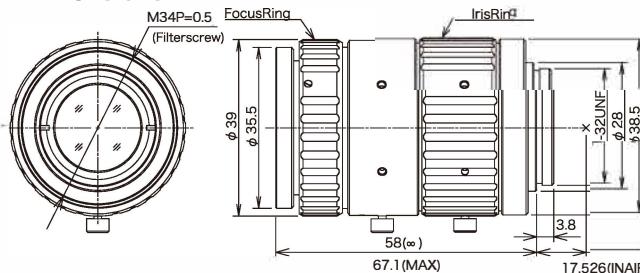
Dimensions



F3526-MPT

Focal Length	35mm		Distortion (Inf.)	1.4 Type	0.01%
Max. Aperture Ratio	1:2.6		Operating Temperature	-10°C - +50°C	
Max. Image Format	φ23.1mm		Mount	C-Mount	
Operation Range	Iris	F2.6 - F16.0	Filter Size	M34 P=0.5mm	
	Focus	0.15m - Inf.	Weight	122g	
Angle of View	D	1.4 Type		30.9°	28.3°
	H		1.2 Type	23.6°	23.0°
	V			20.5°	16.9°

Dimensions



F5026-MPT

Focal Length	50mm		Distortion (Inf.)	1.4 Type	-0.03%
Max. Aperture Ratio	1:2.6		Operating Temperature	-10°C - +50°C	
Max. Image Format	φ23.1mm		Mount	C-Mount	
Operation Range	Iris	F2.6 - F16.0	Filter Size	M30.5 P=0.5mm	
	Focus	0.25m - Inf.	Weight	151g	
Angle of View	D	1.4 Type		21.9°	20.0°
	H		1.2 Type	16.7°	16.2°
	V			14.4°	11.9°

Dimensions

