

Ultra-Low Distortion & Compact Design

NEW



1.4inch 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

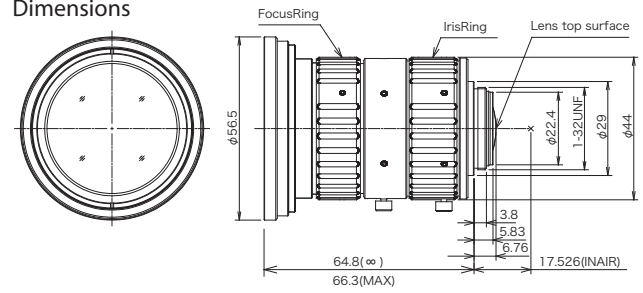
IMX530
2.74µm 24MP

IMX492
2.3µm 45MP

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	86.1°	1.2 Type	76.6°	71.6°
	H					
	V	56.2°	1.2 Type	54.8°	1.1 Type	46.1°

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

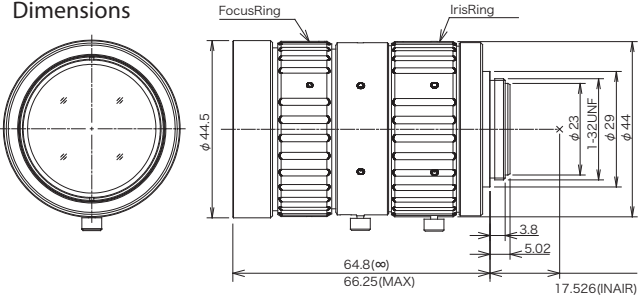
Dimensions



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	70.1°	1.2 Type	61.0°	56.5°
	H					
	V	43.4°	1.2 Type	42.2°	1.1 Type	35.2°

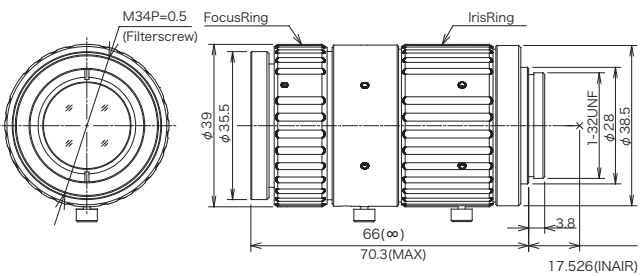
*For using filters, please attach TM-1643 (Sold Separately).

Dimensions



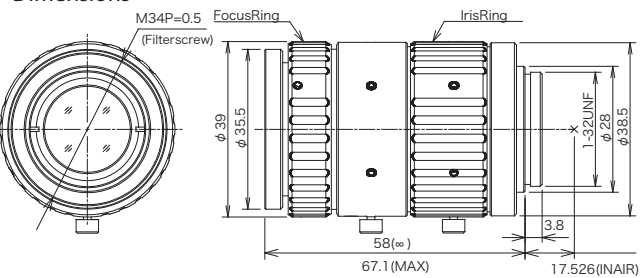
F2524-MPT						
Focal Length	25mm		Distortion (Inf.)	1.4 Type	0.06%	
Max. Aperture Ratio	1:2.4		Operating Temperature	-10°C - +50°C		
Max. Image Format	φ23.1mm		Mount	C-Mount		
Operation Range	Iris	F2.4 - F16.0	Filter Size	M34 P=0.5mm		
	Focus	0.15m - Inf.	Weight	152g		
Angle of View	D	1.4 Type	49.6°	1.2 Type	42.4°	39.0°
	H					
	V	29.3°	1.2 Type	28.5°	1.1 Type	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	36.6°	1.2 Type	30.9°	28.3°
	H					
	V	21.1°	1.2 Type	20.5°	1.1 Type	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	26.1°	1.2 Type	21.9°	20.0°
	H					
	V	14.9°	1.2 Type	14.4°	1.1 Type	11.9°

Dimensions

