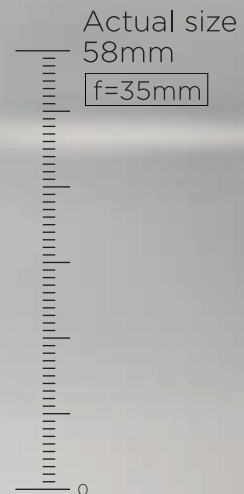


# Ultra-Low Distortion & Compact Design

**NEW**



# 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  
2.74Qm 24MP

IMX492  
2.3Qm 45MP

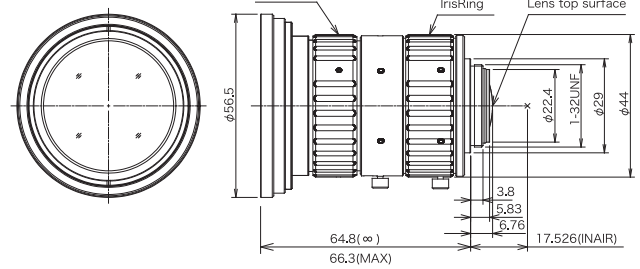
# 1.4inch 45MP MPT Series

## 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	86.1°		1.2 Type		76.6°		1.1 Type	71.6°	
	H	1.4 Type 76.0°			61.9°		60.4°			
	V	56.2°			54.8°		46.1°			

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

### Dimensions

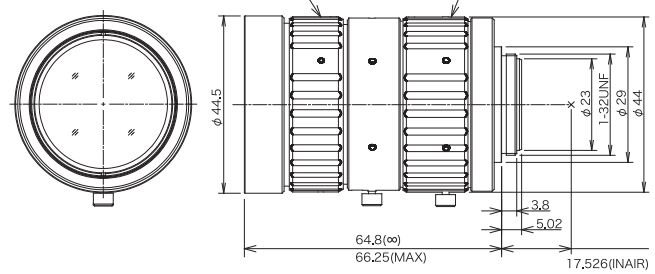


## F1628-MPT

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	70.1°		1.2 Type		61.0°		1.1 Type	56.5°	
	H	1.4 Type 60.4°			48.1°		46.9°			
	V	43.4°			42.2°		35.2°			

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

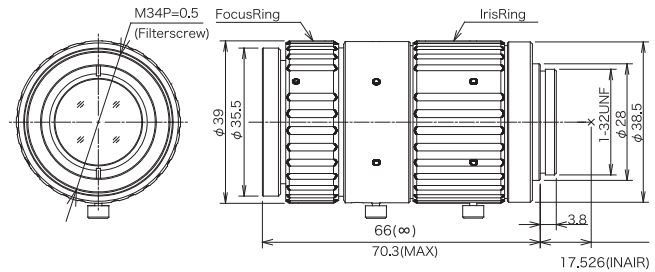
### Dimensions



## 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	49.6°		1.2 Type		42.4°		1.1 Type	39.0°	
	H	1.4 Type 41.9°			32.7°		31.8°			
	V	29.3°			28.5°		23.6°			

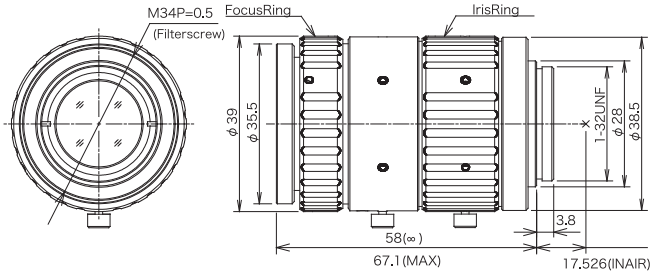
### Dimensions



## 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	36.6°		1.2 Type		30.9°		1.1 Type	28.3°	
	H	1.4 Type 30.6°			23.6°		23.0°			
	V	21.1°			20.5°		16.9°			

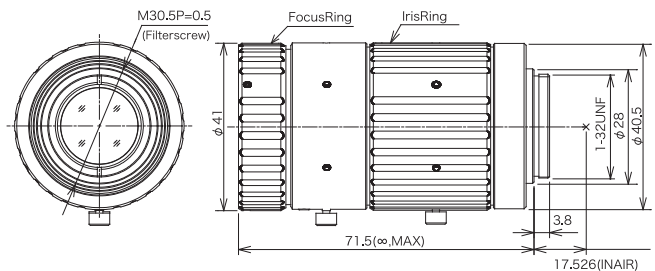
### Dimensions



## 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	26.1°		1.2 Type		21.9°		1.1 Type	20.0°	
	H	1.4 Type 21.7°			16.7°		16.2°			
	V	14.9°			14.4°		11.9°			

### Dimensions



Head Quarters  
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