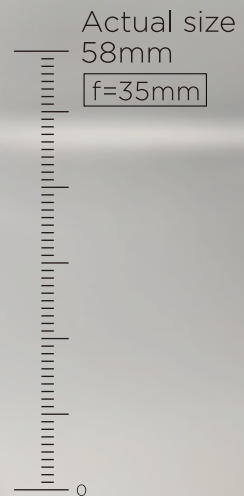


# Ultra-Low Distortion & Compact Design

**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

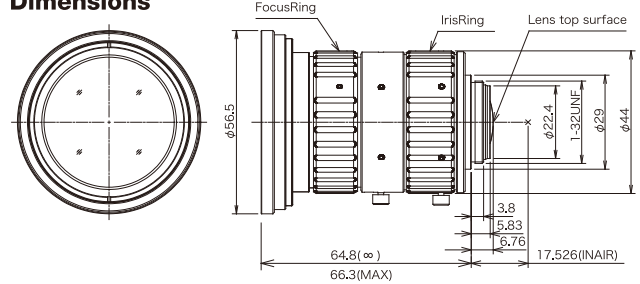
# 1.4inch 45MP MPT Series

## 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°		71.6°	
	H	76.0°		1.1 Type		61.9°		60.4°	
	V	56.2°		1.1 Type		54.8°		46.1°	

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

### Dimensions

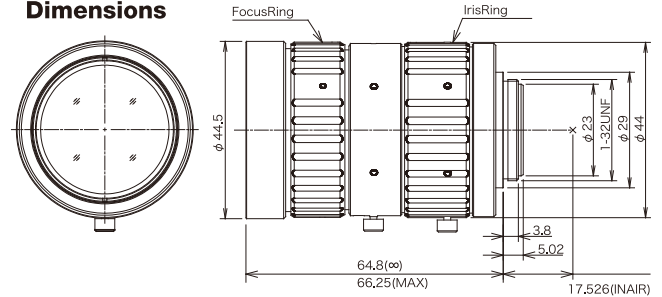


## F1628-MPT

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°		56.5°	
	H	60.4°		1.1 Type		48.1°		46.9°	
	V	43.4°		1.1 Type		42.2°		35.2°	

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

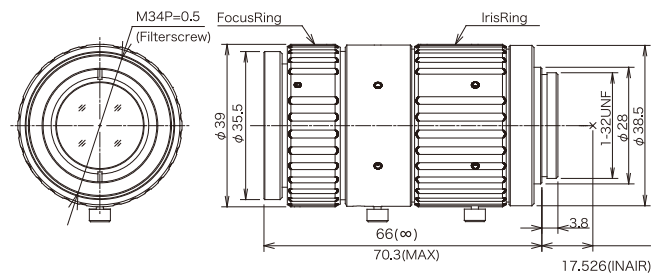
### Dimensions



## 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°		39.0°	
	H	41.9°		1.1 Type		32.7°		31.8°	
	V	29.3°		1.1 Type		28.5°		23.6°	

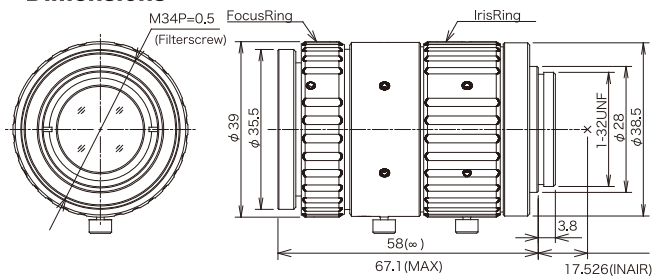
### Dimensions



## 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°		28.3°	
	H	30.6°		1.1 Type		23.6°		23.0°	
	V	21.1°		1.1 Type		20.5°		16.9°	

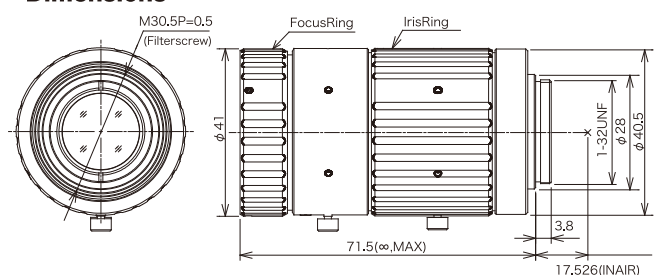
### Dimensions



## 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°		20.0°	
	H	21.7°		1.1 Type		16.7°		16.2°	
	V	14.9°		1.1 Type		14.4°		11.9°	

### Dimensions



Head Quarters

**CBC Co., Ltd.**

BDM Div. Industrial Optics Department 2-15-13, Tsukishima, Chuo-ku, Tokyo, 104-0052, Japan  
TEL:+81(0)3 3536 4766 FAX:+81(0)3 3536 4172

CBC株式会社

BDM Div. Industrial Optics Department 〒104-0052 東京都中央区月島2-15-13 TEL:03-3536-4586 FAX:03-3536-4172

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