

Ultra-Low Distortion & Compact Design

NEW



Actual size
58mm

f=35mm

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
2.74Qm 24MP

IMX492
2.3Qm 45MP

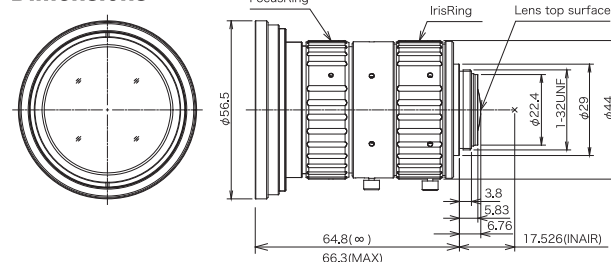
1.4inch 45MP MPT Series

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°
	H	76.0°	1.1 Type	61.9°
	V	56.2°	1.1 Type	54.8°

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

Dimensions

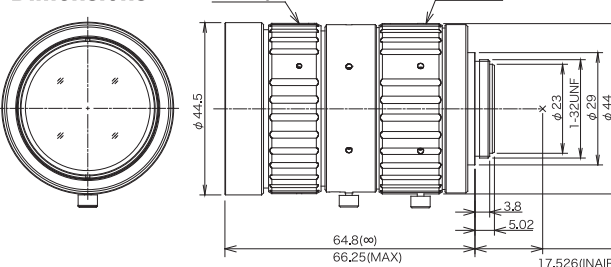


F1628-MPT

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°
	H	60.4°	1.1 Type	48.1°
	V	43.4°	1.1 Type	42.2°

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

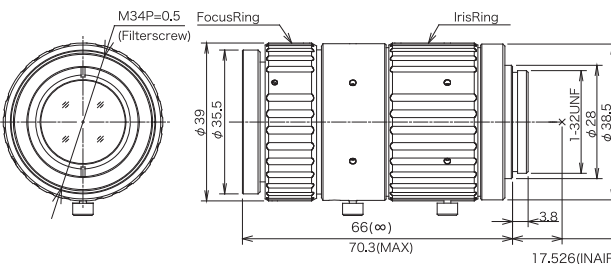
Dimensions



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°
	H	41.9°	1.1 Type	32.7°
	V	29.3°	1.1 Type	28.5°

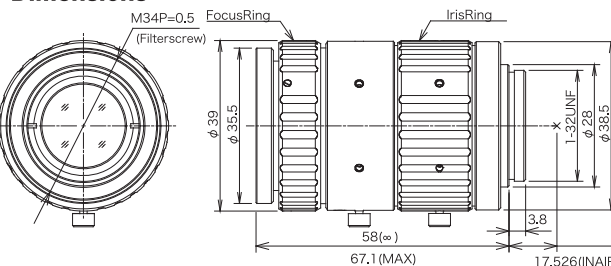
Dimensions



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°
	H	30.6°	1.1 Type	23.6°
	V	21.1°	1.1 Type	20.5°

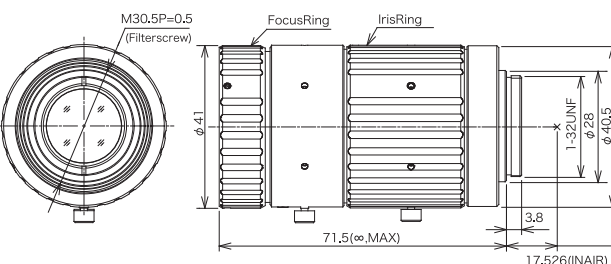
Dimensions



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°
	H	21.7°	1.1 Type	16.7°
	V	14.9°	1.1 Type	14.4°

Dimensions



Distribution in the UK & Ireland



Characterisation,
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