

M3520-MPW2

f=35mm F2.0

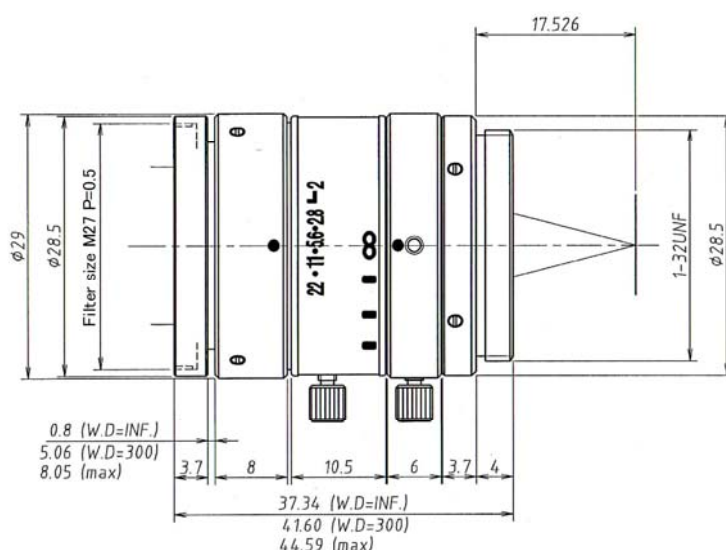
for 2/3 type Cameras, 5 Megapixel

C-Mount

Model No.		M3520-MPW2		Effective	Front	ϕ 18.0mm	
Focal Length		35mm		Lens Aperture	Rear	ϕ 12.0mm	
Max. Aperture Ratio		1:2.0		Distortion	2/3 type	0.011%(y=5.5)	
Max. Image Format		8.8mm x 6.6mm(ϕ 11mm)			1/1.8 type	0.010%(y=4.32)	
Operation Range	Iris	F2.0 - F22.0			1/2 type	0.009%(y=4.0)	
	Focus	0.2m - Inf.		Back Focal Length		18.0mm	
Control	Iris	Manual		Flange Back Length		17.526mm	
	Focus	Manual		Mount		C-Mount	
Object Dimension at M.O.D.	2/3 Type	3.48cm x 4.63cm		Filter Size		M27.0 P=0.5mm	
	1/1.8 Type	2.74cm x 3.63cm		Dimensions		ϕ 29mm x 37.34mm	
	1/2 Type	2.53cm x 3.37cm		Weight		59.0g	
Angle of View	D	2/3 type	17.8°	1/1.8 tyoe	14.0°	1/2 type	13.0°
	H		14.3°		11.2°		10.4°
	V		10.7°		8.5°		7.8°
Operating Temperature		-10°C - +50°C					

M.O.D. : Minimum Object Distance

Dimensions



Working Distance (mm)	Optical Magnification	Extension Ring (mm)	Field of View(mm)					
			2/3"		1/1.8"		1/2"	
			H	V	H	V	H	V
500	-0.072	-	121.6	91.2	95.3	71.9	88.4	66.3
450	-0.081	-	109.0	81.8	85.5	64.5	79.3	59.5
400	-0.091	-	96.5	72.4	75.7	57.0	70.2	52.7
350	-0.105	-	84.0	63.0	65.8	49.6	61.1	45.8
300	-0.123	-	71.4	53.6	56.0	42.2	52.0	39.0
250	-0.150	-	58.9	44.2	46.2	34.8	42.8	32.1
200	-0.190	-	46.3	34.8	36.3	27.4	33.7	25.3
150	-0.261	5	33.8	25.3	26.5	20.0	24.6	18.4
100	-0.417	10	21.2	15.9	16.6	12.5	15.4	11.5

Field of View = CCD Size / Optical Magnification



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