



2/3" F2.8/8 C Mount

		Working distance			Optical Magnification	2/3" Field of View(mm)			
		mm				H	V		
Focal Length		f=8mm $\triangle 2$							
Max Diameter (Ratio)		F=1:2.8~16			5000	0.002X	5371.8	4028.8	
D	Picture Size	2/3"(8.8x6.6mm)	1/2"(6.4x4.8mm)	1/3"(4.8x3.6mm)	2000	0.004X	2156.4	1617.3	
	Angle	H	57.6°	42.8°	32.7°	1000	0.008X	1084.6	813.5
		V	44°	32.7°	24.7°	900	0.009X	977.4	733.1
D		67.6°	52.2°	40.3°	800	0.010X	870.3	652.7	
Object Dimension at 200mm	H	227.2mm	166mm	124.5mm	700	0.012X	763.1	572.3	
	V	170.4mm	124.5mm	93.2mm	600	0.014X	655.9	491.9	
	D	284.6mm	207.6mm	155.2mm	550	0.015X	602.3	451.7	
Distortion (TV)		<1%	<0.5%	<0.3%	500	0.016X	548.7	411.5	
Focus distance(min)		0.1m			450	0.018X	495.1	371.3	
E	Flange back	17.526mm in air			400	0.020X	441.5	331.2	
	Back focus	11.5mm(min)			350	0.023X	387.9	291	
	Filter screw size	M30.5xP0.5			300	0.027X	334.4	250.8	
Front/Rear Effective Dia		Front $\phi 17.15$ mm Rear $\phi 8.5$ mm			250	0.032X	280.8	210.6	
Mount		C-Mount			200	0.039X	227.2	170.4	
Temperature Range		-10~+50°C			150	0.051X	173.6	130.2	
Storage Temperature Range		-20~+60°C			100	0.074X	120	90	

		TOLERANCE : LINEARITY TOLERANCES ± 0.05 ANGULAR TOLERANCES ARE $\pm 30'$ DRAFT ANGLES AREA $\pm 0.5^\circ$ /SIDE				材料(环保) ---	单位	比例
							mm	2:1
F			设计		名称	FA0810A规格书	页码	
			校对				1/1	
			审核				代号	版本
标记	处数	更改文件号	担当	变更日期	批准	FA0810A-Spec	V2	