



2/3" F2.8/16 C Mount				Working distance	Optical Magnification	2/3" Field of View(mm)			
Focal Length	f=16mm			mm		H	V		
Max Diameter (Ratio)	F=1:2.8~16			5000	0.0032X	2758.5	2070.5		
Picture Size		2/3"(8.8×6.6mm)	1/2"(6.4×4.8mm)	2000	0.008X	1103.3	828		
	Angle	H	30.8°	22.6°	17.1°	1000	0.016X	553.7	415.4
		V	23.1°	17°	12.8°	900	0.018X	498.6	374.1
D		38.5°	28.3°	21.4°	800	0.02X	443.7	332.9	
Object Dimension at M.O.D	H	113.6mm	83.1mm	61.5mm	700	0.023X	388.8	291.7	
	V	85.2mm	62.3mm	46.1mm	600	0.026X	333.8	250.4	
	D	142.3mm	103.9mm	76.9mm	550	0.029X	306.2	229.7	
Distortion (TV)	<0.1%			500	0.032X	278.7	209.1		
Focus distance(min)	0.1m			450	0.035X	251.2	188.4		
Flange back	17.526mm in air			400	0.039X	223.6	167.8		
Back focus	12.8mm in air			350	0.045X	196.2	147.1		
Filter screw size	M27×0.5			300	0.052X	168.6	126.5		
Front/Rear Effective Dia	Front $\phi 17.3$ mm Rear $\phi 7.6$ mm			250	0.062X	141.1	105.8		
Mount	C-Mount			200	0.077X	113.6	85.2		
Temperature Range	-10~+50°C			150	0.102X	86.1	64.6		
Storage Temperature Range	-20~+60°C			100	0.15X	58.6	43.9		

				TOLERANCE: LINEARITY TOLERANCES ± 0.05 ANGULAR TOLERANCES ARE $\pm 30'$ DRAFT ANGLES AREA $\pm 0.5^\circ$ /SIDE		三角法		材料(环保)		单位	比例
						名称		---		mm	2:1
				设计		名称		FA1610A规格书		页码	
				校对		代号		FA1610A-Spec		1/1	
				审核						版本	
				批准						V1	