



1/1.7" F2.4/16 C Mount			Working distance	Optical Magnification	1/1.7" Field of View (7.44mmX5.62mm)		1/2" Field of View (6.22mmX4.67mm)	
Focal Length		f=35mm			mm	H	V	H
Max Diameter (Ratio)		F=1:2.4~16						
Picture Size		1/1.7" (7.44mmX5.62mm)      1/2" (6.22mmX4.67mm)	1000	-0.036	207.80	156.78	173.46	116.90
Angle	H	11.48°	900	-0.040	186.49	140.72	155.68	116.90
	V	7.64°	800	-0.045	165.16	124.63	137.87	103.52
	D	14.01°	700	-0.052	143.90	100.55	120.12	83.53
Object Dimension at 200mm	H	37.4mm	650	-0.056	133.26	100.55	111.24	83.53
	V	28.2mm	600	-0.060	122.62	92.52	102.35	76.85
	D	46.9mm	550	-0.067	111.95	84.47	93.45	70.16
Distortion (TV)		<1-0.04%   <1-0.03%	500	-0.074	101.33	76.45	84.58	63.50
Focus distance(min)		0.15m	450	-0.082	90.68	68.41	75.69	56.83
Flange back		17.526mm in air	400	-0.093	80.02	60.37	66.80	50.15
CRA		<-8.6°	350	-0.107	69.38	52.34	57.91	43.48
Filter screw size		M27 X P0.5	300	-0.127	58.73	44.30	49.02	36.80
Relative illumination		>87.7%	250	-0.155	48.08	36.27	40.13	30.12
Storage Temperature Range		-20~+60°C	200	-0.199	37.43	28.23	31.24	23.45
Temperature Range		-10~+50°C	150	-0.279	26.77	20.19	22.34	16.77
Ring thickness(mm)	1	Near	138.2	-0.308	14.26	18.30	20.25	15.20
		Far	1200	-0.030	250.45	189.01	209.08	157.00
	2	Near	128.5	-0.336	22.19	16.74	18.52	13.90
		Far	625	-0.058	127.93	96.54	106.79	80.19
	5	Near	107.4	-0.422	17.67	13.33	14.75	11.07
		Far	266	-0.145	51.49	38.85	42.98	32.27
	10	Near	86.5	-0.565	13.20	9.96	11.02	8.27
		Far	146	-0.288	25.90	19.54	21.62	16.23
Mount		C-Mount						
分辨率(逆投影)		中心250lp/mm $\phi 8$ : 100lp/mm	倍率范围		0.279X $\rightarrow$ $\infty$ 小			
产品结构		8G	工作距离范围		150mm $\rightarrow$ $\infty$ 远			

TOLERANCE:		三角法		材料(环保)		单位	比例
LINEARITY TOLERANCES $\pm 0.05$						mm	1.5:1
ANGULAR TOLERANCES ARE $\pm 30'$							
DRAFT ANGLES AREA $\pm 0.5^\circ$ /SIDE		设计	宗刚群	2020.10.22	名称	FA3511A 规格	
		校对			部番	FA3511A SPEC	
		审核			商品代号		
版本	处数	更改文件号	担当	变更日期	批准	V0	