



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=16mm		mm		H	V	H	V		
Max Diameter (Ratio)		F=1:2.4~16		1000	-0.016	462.91	349.18	386.41	290.03		
Picture Size		1/1.7" (7.44mmX5.62mm)		1/2" (6.22mmX4.67mm)		900	-0.018	417.61	315.01	348.60	261.65
		Angle		H	26.06°	21.72°	800	-0.020	372.31	280.82	310.78
Object Dimension at 200mm		V		17.6°	14.67°	700	-0.023	327.01	246.64	272.95	204.85
		D		31.34°	26.12°	650	-0.025	304.36	229.54	254.04	190.66
		H		100.1mm	85.3mm	600	-0.027	281.70	212.45	253.12	176.46
Distortion (TV)		V		75.4mm	64mm	550	-0.029	259.04	195.35	216.20	162.15
		D		125.3mm	106.7mm	500	-0.032	236.37	178.24	197.27	148.05
		H		10.09% I	< 10.02% I	450	-0.035	213.69	161.13	178.34	133.83
Focus distance(min)		0.1m		400	-0.039	191.00	144.01	159.40	119.62		
Flange back		17.526mm in air		350	-0.044	117.84	126.90	140.46	105.40		
CRA		<9.2°		300	-0.051	145.61	109.76	121.50	91.17		
Filter screw size		M27 X P0.5		250	-0.061	122.88	92.61	102.52	76.92		
Relative illumination		>84.9%		200	-0.075	100.10	75.43	83.51	62.65		
Storage Temperature Range		-20~+60°C		150	-0.097	77.25	58.19	64.44	48.33		
Temperature Range		-10~+50°C		100	-0.138	54.24	40.84	45.23	33.92		
Ring thickness(mm)		1		Near	64.0	-0.202	37.12	27.92	30.94	23.19	
				Far	250.0	-0.062	120.76	90.93	100.71	75.52	
		2		Near	45.2	0.267	28.18	21.17	23.47	17.58	
				Far	118.0	-0.123	60.94	45.81	50.77	38.04	
		3		Near	20.6	-0.459	16.43	12.32	13.67	10.23	
				Far	38.3	-0.305	24.74	18.53	20.57	15.39	
Mount		C-Mount									
分辨率(逆投影)		中心250lp/mm φ8: 100lp/mm		倍率范围		0.138X→∞小					
产品结构		9G		工作距离范围		100mm→∞远					

				TOLERANCE: LINEARITY TOLERANCES ±0.05 ANGULAR TOLERANCES ARE±30' DRAFT ANGLES AREA±0.5°/SIDE			三角法		材料(环保)		单位 比例		
									mm		1.5:1		
				设计 宗刚群		2020.10.22		名称		FA1611A 规格			
				校对				部番		FA1611A SPEC			
				审核				商品代号		V0			
版本		处数		更改文件号		担当		变更日期		批准			