



1" F1.8/75 C Mount				Working distance	Optical Magnification	1" Field of View(mm)	
						H	V
Focal Length		f=75mm		mm		H	V
Max Diameter (Ratio)		F=1:1.8~16					
Picture Size		1"	2/3"	1500	-0.055	232.73	174.54
Angle	H	9.8°	6.74°	1400	-0.059	216.95	162.71
	V	7.4°	5°				
	D	12.2°	8.4°				
Object Dimension at M.O.D	H	111.2mm	76.6mm	1300	-0.064	200	150
	V	83.5mm	57.4mm				
	D	146mm	95.6mm				
Distortion (TV)		0.1%	△ 0.1%	1200	-0.071	180.28	135.21
Focus distance(min)		0.8M △		1100	-0.076	168.42	126.32
Flange back		17.526mm in air					
Back focus		16		1000	-0.085	150.59	112.94
Filter screw size		M55×0.75					
Front/Rear Effective Dia		φ34/φ16.5		900	-0.1	128	96
Mount		C-Mount					
Temperature Range		-10~+50°C		800	-0.115	111.3	83.47
Storage Temperature Range		-20~+60°C					

					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		1:2:1			
F	△3	1	---	CHP	2017.11.29	设计			名称	HC7505A 镜头规格			页码	
	△2	1	---	CHP	2017.09.11	校对							1/1	
	△1	2	---	CHP	2016.02.23	审核				代号	HC7505A-SPEC			版本
	标记	处数	更改文件号	担当	变更日期	批准						V3		