



1" F1.4/12.5 C Mount				Working distance	Optical Magnification	1" Field of View(mm)	
Focal Length		f=12.5mm		mm		H	V
Max Diameter (Ratio)		F=1:1.4~16		900	-0.0136	941.17	705.88
Picture Size		1"	2/3"	850	-0.0144	888.89	666.66
Angle	H	54.5°	38.5°	800	-0.0153	836.6	627.45
	V	42°	29.1°	750	-0.0162	790.12	592.6
	D	66.3°	47.5°	700	-0.0174	735.63	551.7
Object Dimension at M.O.D	H	126.4mm	84.9mm	650	-0.0187	684.5	513.37
	V	93mm	63mm	600	-0.02	640	480
	D	161.5mm	107.4mm	550	-0.022	581.8	436.36
Distortion (TV)		1.8%	1%	500	-0.024	533.33	400
Focus distance(min)		0.1M		450	-0.0267	479.4	359.55
Flange back		17.526mm in air		400	-0.03	426.66	320
Back focus		15.7		350	-0.034	376.47	282.35
Filter screw size		M4.6×0.75		300	-0.0393	325.7	244.27
Front/Rear Effective Dia		φ35/φ18.8		250	-0.0467	274.09	205.56
Mount		C-Mount		200	-0.0574	223	167.24
Temperature Range		-10~+50°C		150	-0.075	170.67	128
Storage Temperature Range		-20~+60°C		100	-0.0106	126.4	93

				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	15:1
				设计	CHP	2014-03-06	名称	页码	
				校对				HC1205A 镜头	1/1
				审核			代号	版本	
				批准				HC1205A-SPEC	V1