



1/2" F1.8/12 C Mount			Working distance	Optical Magnification	1/2" Field of View(mm)	
Focal Length	f=35mm		mm		H	V
Max Diameter (Ratio)	F=1:1.8~16		5000	0.0069X	937.776	745.62
Picture Size		1/2"(6.48x5.16mm)	2000	0.017X	373.98	296.736
		1/4"(3.28x2.6mm)				
Angle	H	9.17°	1000	0.034X	186.07	147.13
	V	7.04°	900	0.038X	167.47	132.308
	D	11.44°	800	0.043X	148.5	117.214
Object Dimension at 200mm	H	35.96mm	700	0.05X	129.716	102.258
	V	27.586mm	600	0.058X	110.938	87.306
	D	44.926mm	550	0.063X	101.586	79.86
Distortion (OPT)		<0.14%	500	0.070X	92.166	72.358
Focus distance(min)	0.1m		450	0.078X	82.782	64.886
Flange back	17.526mm in air		400	0.088X	73.354	57.374
Back focus	17.764mm(min)		350	0.101X	63.996	49.924
Filter screw size	M28.5 X P0.5		300	0.118X	54.658	42.486
Front/Rear Effective Dia	Front Ø21mm Rear Ø16.3mm		250	0.143X	45.25	34.99
Mount	C-Mount		200	0.180X	35.96	27.586
Temperature Range	-10~+50°C		150	0.243X	26.6	20.12
Storage Temperature Range	-20~+60°C		100	0.372X	17.43	12.79

		TOLERANCE :		三角法		材料(环保)		单位	比例
		LINEARITY TOLERANCES ±0.05						mm	1.8:1
		ANGULAR TOLERANCES ARE±30'							
		DRAFT ANGLES AREA±0.5°/SIDE							
		设计	蒋冬阳	2022-08-19	名称	C-VI3502A 规格书		页码	
		校对			部番	C-VI3502A SPEC		1/1	
		审核			商品代号			版本	
	5	WJ4613A2023111401	2023.11.14	批准				V02	
版本	处数	更改文件号	担当	变更日期					