



1/2" F1.8/16 C Mount				Working distance	Optical Magnification	1/2" Field of View(mm)	
Focal Length		f=16mm		mm		H	V
Max Diameter (Ratio)		F=1:1.8~16		5000	0.003X	2048.4	1631.2
Picture Size		1/2"(6.48x5.16mm)	1/4"(3.28x2.6mm)	2000	0.008X	822.1	654.7
Angle	H	22.44°	11.48°	1000	0.016X	413.4	329.2
	V	17.98°	9.10°	900	0.017X	372.6	296.7
	D	28.14°	14.34°	800	0.020X	331.8	264.2
Object Dimension at 200mm	H	86.6mm	43.8mm	700	0.022X	290.8	231.5
	V	68.9mm	34.7mm	600	0.026X	249.9	199.0
	D	109.5mm	54.8mm	550	0.028X	229.5	182.7
Distortion (TV)		<0.4%		500	0.031X	209.0	166.4
Focus distance(min)		0.1m		450	0.034X	188.6	150.2
Flange back		17.526mm in air		400	0.038X	168.2	133.9
Back focus		13.0mm(min)		350	0.044X	147.8	117.7
Filter screw size		M28.5 X P0.5 $\triangle 3$		300	0.051X	127.3	101.4
Front/Rear Effective Dia		Front $\phi 17.7$ mm Rear $\phi 11$ mm		250	0.061X	107.0	85.2
Mount		C-Mount		200	0.075X	86.6	68.9
Temperature Range		-10~+50°C		150	0.098X	66.2	52.7
Storage Temperature Range		-20~+60°C		100	0.141X	45.9	36.6

				TOLERANCE: LINEARITY TOLERANCES $\pm 0.05$ ANGULAR TOLERANCES ARE $\pm 30'$ DRAFT ANGLES AREA $\pm 0.5^\circ$ /SIDE			三角法		材料(环保)		单位	比例
											mm	2:1
F	$\triangle 3$	2	V11602A2022072201	宗刚群	2022.7.22	设计	宗刚群	2021-03-22	名称	V11602A 规格书		页码
	$\triangle 2$	1	V11602A2022033101	宗刚群	2022.3.31	校对			部番	V11602A SPEC		1/1
	$\triangle 1$	整体	V11602A2021052701	宗刚群	2021.5.27	审核			商品代号			版本
	版本	处数	更改文件号	担当	变更日期	批准						V03