



1/2" F1.8/25 C Mount			Working distance	Optical Magnification	1/2" Field of View(mm)	
Focal Length	f=25mm		mm		H	V
Max Diameter (Ratio)	F=1:1.8~16		5000	0.0051X	1270.6	1011.8
Picture Size	1/2"(6.48x5.16mm)		2000	0.013X	506.3	403.1
	1/4"(3.28x2.6mm)					
Angle	H	13.44°	1000	0.026X	253.1	201.6
	V	10.77°	900	0.029X	227.4	181.1
	D	16.84°	800	0.032X	202.5	161.3
Object Dimension at 200mm	H	50.4mm	700	0.037X	177.0	140.9
	V	40.2mm	600	0.043X	151.6	120.8
	D	63.6mm	550	0.047X	139.1	110.7
Distortion (TV)	<0.4%		500	0.051X	126.4	100.6
Focus distance(min)	0.1m		450	0.057X	113.7	90.6
Flange back	17.526mm in air		400	0.064X	101.1	80.5
Back focus	13.0mm(min)		350	0.073X	88.4	70.4
Filter screw size	M28.5 X P0.5		300	0.086X	75.8	60.4
Front/Rear Effective Dia	Front ϕ 17.9mm Rear ϕ 10mm		250	0.103X	63.2	50.3
Mount	C-Mount		200	0.129X	50.4	40.2
Temperature Range	-10~+50°C		150	0.172X	37.7	30.0
Storage Temperature Range	-20~+60°C		100	0.263X	24.7	19.6

				TOLERANCE: LINEARITY TOLERANCES ± 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
				设计	宗刚群	2021-03-15	名称	VI2502A 规格书			页码
				校对			部番	VI2502A SPEC			1/1
				审核			商品代号				版本
				批准						V02	