



2/3" F1.4/25 C Mount

		Working distance			Optical Magnification	2/3" Field of View(mm)	
Focal Length	f=25mm	mm				H	V
Max Diameter (Ratio)	F=1:1.4~16	900			0.028X	317.5	237.7
Picture Size	2/3"(8.8x6.6mm) 1/2"(6.4x4.8mm) 1/3"(4.8x3.6mm)	850	800	750	0.029X	299.9	224.5
Angle	H	20°	14.6°	11°	0.031X	282.3	211.3
	V	15°	11°	8.2°	0.033X	264.6	198.1
	D	24.6°	18.2°	13.7°	0.036X	247.0	184.9
Object Dimension at M.O.D	H	108mm	79.4mm	59.4mm	0.039X	229.4	171.6
	V	82mm	59.4mm	44.4mm	0.042X	211.8	158.4
	D	136mm	99.4mm	74.4mm	0.046X	194.1	145.2
Distortion (TV)	<0.2%	<0.05%	<0.05%	500	0.050X	176.5	132.0
Focus distance(min)	0.1m	450			0.056X	158.9	118.8
Flange back	17.526mm in air	400			0.063X	141.2	105.6
Back focus	12.25mm in air	350			0.072X	123.6	92.4
Filter screw size	M30.5x0.5	300			0.084X	108.0	82.0
Front/Rear Effective Dia	Front $\phi$ 22.7mm Rear $\phi$ 12.6mm	250			0.100X	88.3	66.0
Mount	C-Mount	200			0.126X	70.7	52.7
Temperature Range	-10~+50°C	150			0.168X	53.0	39.5
Storage Temperature Range	-20~+60°C	100			0.253X	35.3	26.3

				TOLERANCE: LINEARITY TOLERANCES $\pm$ 0.05 ANGULAR TOLERANCES ARE $\pm$ 30' DRAFT ANGLES AREA $\pm$ 0.5°/SIDE		三角法		材料(环保)		单位	比例
						---		mm		2:1	
F	$\triangle$	1	---	CHP	2019.05.09	设计	名称	FA2502D 镜头规格		页码	
	$\triangle$	1	---	CHP	2017.09.11	校对				1/1	
	$\triangle$	2	----	CHP	2016-10-08	审核		FA2502D-SPEC		版本	
	标记	处数	更改文件号	担当	变更日期	批准				V3	