



2/3" F1.4/25 C Mount

		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	314.3	235.7
Picture Size		2/3"(8.8×6.6mm)	1/2"(6.4×4.8mm)	1/3"(4.8×3.6mm)	850	0.029X	303.4	227.6
Angle	H	20°	14.6°	11°	800	0.031X	283.9	212.9
	V	15°	11°	8.2°	750	0.033X	266.7	200
	D	24.6°	18.2°	13.7°	700	0.036X	244.4	183.3
Object Dimension at 300mm	H	104.8mm	76.2mm	57.1mm	650	0.039X	225.6	169.2
	V	78.6mm	57.1mm	42.9mm	600	0.042X	209.5	157.1
	D	131mm	95.2mm	71.4mm	550	0.046X	191.3	143.5
Distortion (TV)		<0.2%	<0.05%	<0.05%	500	0.050X	176	132.0
Focus distance(min)		0.1m			450	0.056X	157.1	117.9
Flange back		17.526mm in air			400	0.063X	139.7	104.8
Back focus		12.25mm in air			350	0.072X	122.2	91.7
Filter screw size		M30.5×0.5			300	0.084X	104.8	78.6
Front/Rear Effective Dia		Front ø22.7mm Rear ø12.6mm			250	0.100X	88.0	66.0
Mount		C-Mount			200	0.126X	69.8	52.4
Temperature Range		-10~+50°C			150	0.168X	52.4	39.3
Storage Temperature Range		-20~+60°C			100	0.253X	34.8	26.1

					TOLERANCE:		三角法		材料(环保)		单位	比例
△4	2	---	CHP	2021.08.16	LINEARITY TOLERANCES ±0.05 ANGULAR TOLERANCES ARE±30" DRAFT ANGLES AREA±0.5°/SIDE				---		mm	2:1
△3	1	---	CHP	2019.05.09	设计		名称	BTCH-FA2502D-5M			页码	
△2	1	---	CHP	2017.09.11	校对						1/1	
△1	2	----	CHP	2016-10-08	审核					代号	版本	
标记	处数	更改文件号	担当	变更日期	批准						V4	