



2/3" F1.4/16 C Mount

			Working distance	Optical Magnification	2/3" Field of View(mm)				
Focal Length	f=16mm			mm		H	V		
Max Diameter (Ratio)	F=1:1.4~16			900	0.018X	503.2	376.8		
Picture Size		2/3"(8.8x6.6mm)	1/2"(6.4x4.8mm)	850	0.019X	475.6	356.2		
	Angle	H	30.3°	22.3°	16.8°	800	0.020X	448.0	335.5
		V	23°	16.8°	12.6°	750	0.021X	420.4	314.8
Object Dimension at 300mm	D	37.3°	27.8°	20.9°	700	0.023X	382.6	287	
	H	169.2mm	123.1mm	92.3mm	650	0.024X	366.7	275	
	V	126.9mm	92.3mm	69.2mm	600	0.026X	338.5	253.8	
Distortion (TV)	D	211.5mm	153.9mm	115.4mm	550	0.029X	303.4	227.6	
		<0.1%	<0.3%	<0.1%	500	0.031X	283.9	212.9	
	Focus distance(min)	0.1m			450	0.035X	251.4	188.6	
Flange back	17.526mm in air			400	0.039X	225.6	169.2		
Back focus	12.7mm in air			350	0.044X	200	150		
Filter screw size	M30.5x0.5			300	0.052X	169.2	126.9		
Front/Rear Effective Dia	Front ϕ 19mm Rear ϕ 14.2mm			250	0.061X	144.3	108.2		
Mount	C-Mount			200	0.076X	115.8	86.8		
Temperature Range	-10~+50°C			150	0.100X	88	66		
Storage Temperature Range	-20~+60°C			100	0.145X	60.7	45.5		

					TOLERANCE:	三角法	材料(环保)	单位	比例
					LINEARITY TOLERANCES \pm 0.05		---	mm	2:1
					ANGULAR TOLERANCES ARE \pm 30'				
					DRAFT ANGLES AREA \pm 0.5°/SIDE	名称		FA1602D 镜头规格	
△	2	FA1602D2022102801	宗刚群	2022.10.28	设计	代号	FA1602D-SPEC		页码
△	3	---	CHP	2021.08.16	校对		FA1602D 镜头规格		1/1
△	2	----	CHP	2016-10-08	审核		FA1602D-SPEC		版本
标记	处数	更改文件号	担当	变更日期	批准			V07	