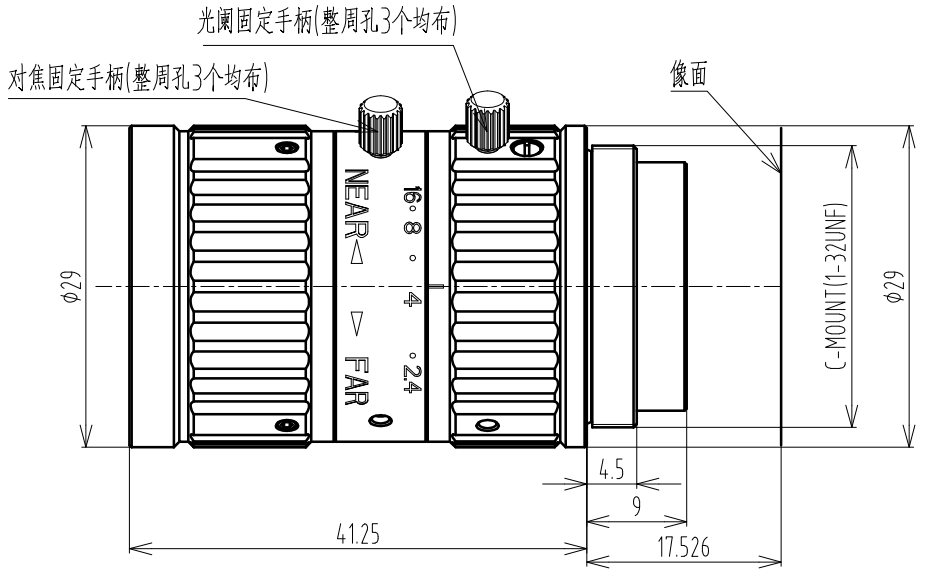

1/1.7" F2.4/16 C Mount

				Working distance	Optical Magnification	1/1.7" Field of View (7.44mmX5.62mm)		1/2" Field of View (6.22mmX4.67mm)	
Focal Length		f=25mm		mm		H	V	H	V
Max Diameter (Ratio)		F=1:2.4~16		1000	-0.025	298.80	225.43	249.42	187.26
Picture Size		1/1.7" (7.44mmX5.62mm)	1/2" (6.22mmX4.67mm)	900	-0.028	268.48	202.56	224.11	168.26
Angle	H	16.84°	14.03°	800	-0.031	238.21	179.72	198.84	149.28
	V	11.29°	9.41°	700	-0.036	207.96	156.89	173.59	130.32
	D	20.46°	17.05°	650	-0.039	192.81	145.46	160.94	120.83
Object Dimension at 200mm	H	56.6mm	48.5mm	600	-0.042	177.70	134.05	148.32	111.35
	V	42.7mm	36.4mm	550	-0.046	162.55	122.62	135.68	101.86
	D	70.9mm	60.6mm	500	-0.051	147.41	111.20	123.04	92.37
Distortion (TV)		<|-0.04%|	<|-0.01%|	450	-0.056	132.28	99.79	110.41	82.89
Focus distance(min)		0.1m		400	-0.064	117.15	88.36	97.77	73.40
Flange back		17.526mm in air		350	-0.073	102.01	76.94	85.14	63.91
CRA		<7.5°		300	-0.086	86.87	65.52	72.51	54.43
Filter screw size		M27 X P0.5		250	-0.104	71.73	54.10	59.86	44.94
Relative illumination		>90.6%		200	-0.132	56.59	42.68	47.23	35.45
Storage Temperature Range		-20~+60°C		150	-0.180	41.44	31.25	34.58	25.96
Temperature Range		-10~+50°C		100	-0.284	26.29	19.83	21.94	16.47
Ring thickness(mm)	1		Near	89.0	-0.321	23.26	17.54	19.41	14.57
			Far	606.0	-0.041	181.94	137.23	151.85	113.99
	2		Near	80.25	-0.358	20.85	15.72	17.39	13.05
			Far	305.5	-0.082	90.97	68.59	75.91	56.97
	5		Near	62.35	-0.470	15.90	11.99	13.27	9.96
			Far	125.8	-0.205	36.53	27.52	30.47	22.85
	10		Near	46.1	-0.655	11.41	8.60	9.52	7.14
			Far	65.9	-0.409	18.34	13.81	15.29	11.47
Mount		C-Mount							

分辨率(逆投影)	中心250lp/mm Φ8：100lp/mm	倍率范围	0.284X→∞小
产品结构	8G	工作距离范围	100mm→∞远

TOLERANCE:
. LINEARITY TOLERANCES ±0.05
. ANGULAR TOLERANCES ARE±30'
. DRAFT ANGLES AREA±0.5°/SIDE

三角法

版本	处数	更改文件号	担当	变更日期					
					设 计	宗刚群	2020.10.22	名称	FA2511A 规格
					校 对			部番	FA2511A SPEC
					审 核				
					批 准			商品代号	

材 料(环 保)	单 位	比 例
	mm	1:5:1
页 码		1/1
版 本		V0

A4

CHIOPT