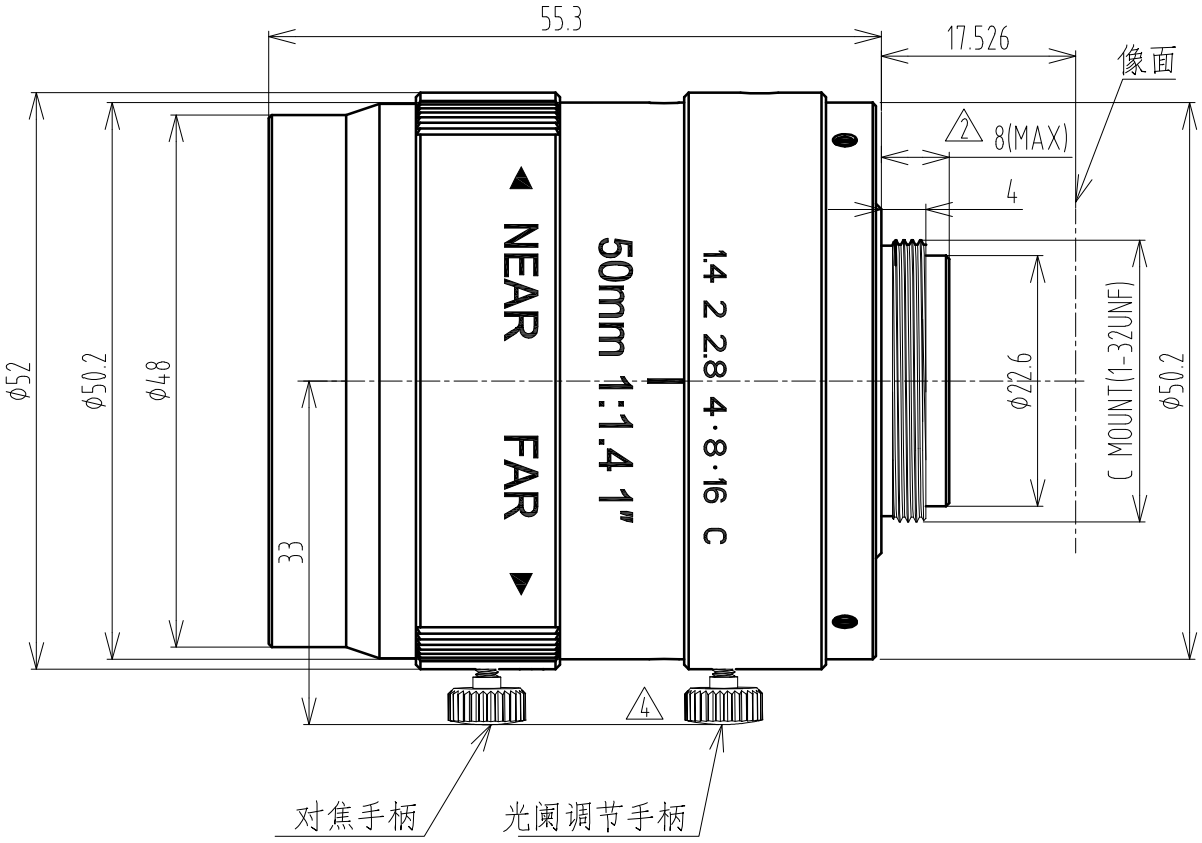
BETTER SOLUTION & SUPPORT

STL-CH5016 △3



1" F1.4/50 C Mount					Working distance	Optical Magnification	1" Field of View(mm)	
Focal Length		f=50mm			mm		H	V
Max Diameter (Ratio)		F=1:1.4~16						
Picture Size		1"	2/3"	1/2"	1000	-0.05	256.6	192.34
Angle	H	13.86°	9.56°	6.96°				
	V	10.4°	7.16°	5.3°	900	-0.055	232.06	174.54
	D	17.14°	12°	8.74°				
Object Dimension at M.O.D	H	79.34mm	54.2mm	39.32mm	800	-0.062	206.6	154.84
	V	59.27mm	40.56mm	29.44mm				
	D	100mm	68mm	49.2mm	700	-0.071	181.2	135.72
Distortion (TV)		0.1%	0.1%	0.1%				
Focus distance(min)		0.3M			600	-0.083	155.76	116.6
Flange back		17.526mm in air						
Back focus		10.6MM △2			500	-0.098	128.48	96
Filter screw size		M46×0.75						
Front/Rear Effective Dia		φ30.5/φ18			400	-0.123	104.4	78.34
Mount		C-Mount						
Temperature Range		-10~+50°C			300	-0.163	79.34	59.2
Storage Temperature Range		-20~+60°C						

					TOLERANCE: . LINEARITY TOLERANCES ±0.05 . ANGULAR TOLERANCES ARE±30' . DRAFT ANGLES AREA±0.5°/SIDE	三角法		材 料(环 保)	单位	比 例
								---	mm	1.5:1
△4	1	---	CHP	2017.11.29	设 计			名称	HC5005A 镜头	页 码
△3	1	---	CHP	2017-9-11	校 对					1/1
△2	2	---	CHP	2014-7-23	审 核			代号	HC5005A	版 本
标记	处数	更改文件号	担当	变更日期	批 准					V4

CHIOPT