



1.1" F2.4 C-MOUNT		Working distance	Optical Magnification	Field of view(mm)	
EFFL(Effective Focal Length)	f=12mm	mm		H	V
F/NO	F=2.4-29	720	0.016X	878.80	653.78
Image Size	1.1"(17.60mmx14.08mmx10.56mm)	680	0.017X	831.23	618.36
Angle FOV	H 60.84°	640	0.018X	783.12	582.94
	V 47.36°	600	0.020X	735.08	546.92
	D 72.16°	560	0.021X	686.62	511.54
Object Dimension at WD:200mm	H 256.98mm	520	0.023X	639.19	475.04
	V 191.90mm	480	0.024X	590.92	439.74
	D 318.18mm	440	0.026X	542.79	403.97
Distortion(TV)	<-2.2%	400	0.029X	495.50	368.28
Focus distance(min)	0.034m	360	0.032X	446.93	332.34
TTL(Total Length)	72.54mm	320	0.036X	399.76	296.62
FBL(Flange Back Length)	17.526mm	280	0.041X	351.59	261.03
BFL(Back Focal Length)	16.04-19.45mm	240	0.047X	303.69	225.36
Filter screw size	M40.00xP0.5	200	0.056X	256.98	191.90
Front/Rear Effective Dia	Front $\varnothing$ 31.82mm Rear $\varnothing$ 15.70mm	160	0.069X	207.76	153.45
Mount	C-Mount	120	0.090X	159.42	117.75
Operating Temperature	-20~+80°C	80	0.128X	111.46	81.81
Storage Temperature	-20~+80°C	40	0.220X	63.86	46.04

					<b>江西高瑞光电股份有限公司</b>				
					比例	3:2		页码	1/1
					重量	(g)	材料		
标记	处数	区域	更改内容	担当	时间	名称	HR10M12A规格书	REV.	
承认	审核	工艺	设计	时间		编号	HR10M12A-SPEC	A0	