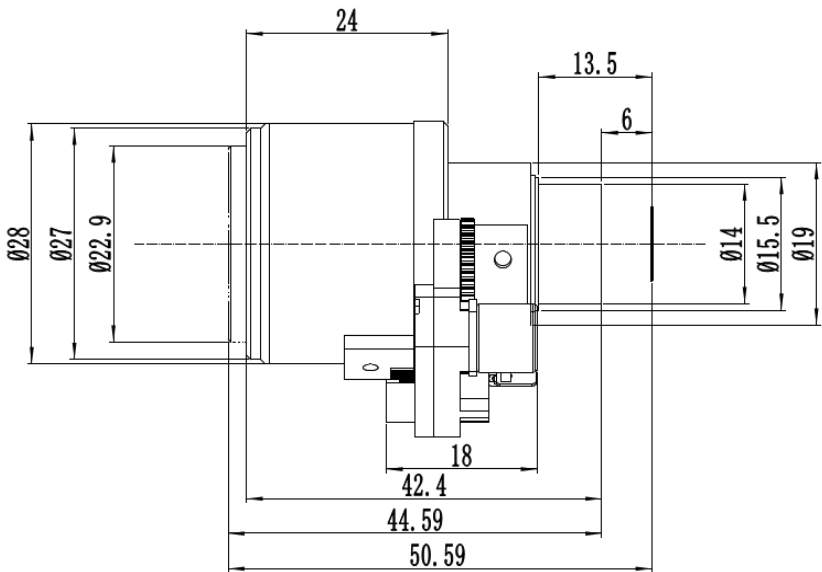


镜头参数 (Parameter of Lens)

型号 (Model) :	CW-D14-02812IR (3MP) -C-EE								
	分辨率 (Resolution)		3MegaPixel						
	像面尺寸 (Image format)		1/2.7"						
	焦距 (Focal length)		2.8~12mm						
	通光孔径 (Aperture)		F1.8						
	接口 (Mount)		D14						
	视场角 (Field Angle) D×H×V(°)		1/2.7		1/3		1/4		
			短焦	长焦	短焦	长焦	短焦	长焦	
			D	140	40	120	36	82.6	27.2
			H	100	32	89	29	64	21.6
			V	72	24	64	21.6	27	16.2
	畸变 (Optical Distortion)		-64.5%~-4.3%		-48%~-3.5%		-24.1%~-1.95%		
	最近物距 (M. O. D.)		0.3m						
	外形尺寸 (Dimension)		Φ28*42.4~44.59mm						
	重量 (Weight)		39±2g						
	法兰后焦距 (Flange BFL)		13.5mm						
	光学后焦距 (BFL)		7.1~13.6mm						
	机械后焦距 (MBF)		6mm						
	日夜共焦 (IR Correction)		Yes						
	操作方法 (Operation)		光圈 (Iris)		固定光圈 (Fixed)				
			聚焦 (Focus)		自动聚焦 (DC)				
			变焦 (Zoom)		自动变焦 (DC)				
	工作温度 (Operating temperature)		-20℃~+60℃						

尺寸 (Size)



尺寸公差Size tolerance (mm) :	0-10±0.05	10-30±0.10	30-120±0.20
角度公差Angle tolerance	±2°		

步进马达 (Stepping Motor)

型号 (Model) :	CW-D14-02812IR (3MP) -C-EE
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12345678 UL3302 AWG30

42.09±0.3 R14.3 R9.7 24.6±0.1 2.65±0.1 R23

145 19.4±0.2

PIN NO.	COLOR
1	(FOCUS A-)Blue
2	(FOCUS A+)Black
3	(ZOOM A-)Green
4	(ZOOM A+)Orange
5	(ZOOM B+) Yellow
6	(ZOOM B-)Purple
7	(FOCUS B-)White
8	(FOCUS B+)Red

SEQUENCE OF EXCITATION

Step Phase	1	2	3	4
A	+	+	-	-
A̅	-	-	+	+
B	-	+	+	-
B̅	+	-	-	+

Output Shaft Rotation CW

CONNECTION DIAGRAM

Weight	8.9g			Coil Resistance 线圈电阻				40 Ω ± 7%, 25℃	
Connector	插头: Molex P=1.25, 8PIN			Rated Voltage 额定电压				DC 4.0±20%V	
				Operating Voltage 使用电压				DC 4.0V	
				Max. starting frequency 最大自启动周波数				800pps (min) , 4.0VDC	
Wire	UL 3302, AWG #30			Max. slewing frequency 最大连续响应周波数				1200pps (min) , 4.0VDC	
Meanings of Wire	Blue(蓝色)	FOCUS A-	Black(黑色)	FOCUS A+	Green(绿色)	ZOOM A-	Orange(橙色)	ZOOM A+	
	Yellow(黄色)	ZOOM B+	Purple(紫色)	ZOOM B-	White(白色)	FOCUS B-	Red(红色)	FOCUS B+	
Output gear torque 出力齿力矩		2.0gf-cm Min./3.0VDC AT 300PPS (single motor)		Speed reducing ratio 减速比				1:80.3	
				Operating Parameters	Operating temperature		-30℃~+60℃		
					Relative Humidity		15~85%		