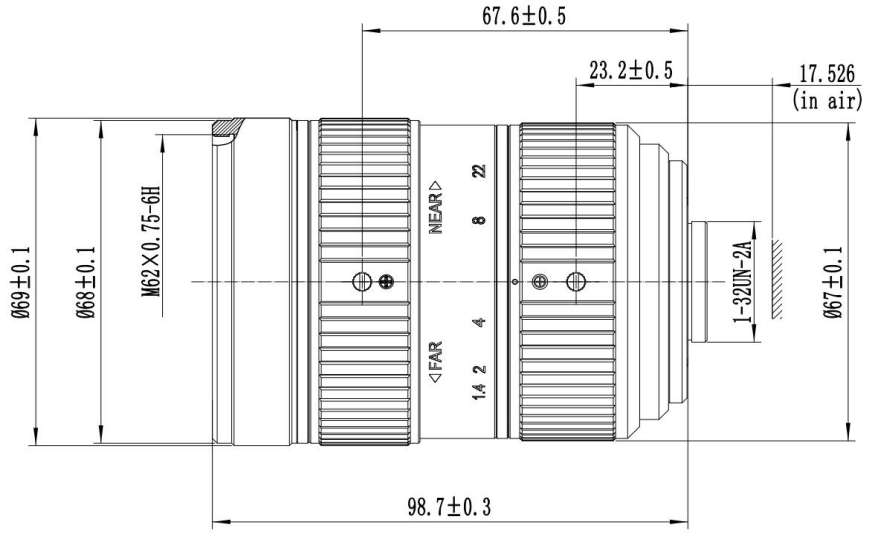
Parameter of Lens)

(Model)：	BLF11M7014MP12-IR			
	(Resolution)		12 MegaPixel	
	(Image format)		1.1″	
	(Focal length)		70±5%mm	
	(Aperture)		F1.4±10%	
	(Mount)		C	
	(Field Angle) D×H×V(°) ±5%	″ / °	IMX305	IMX304
		D	13	14.2
		H	11.2	11.2
		V	6	8.4
	(Optical Distortion)		0.08%	
	(CRA)		8.8°	
	(Lens composition)		10G	
	(TTL)		113.3mm (1.5mm)	
	(Dimension)		Φ69×98.7mm	
	(Weight)		665±5g	
	(Flange BFL)		17.526mm (in air)	
	(BFL)		24.4mm (1.5mm)	
	(MBF)		/	
	(Relative illumination)		66% @1F	
	(IR Correction)		Yes	
	(Operation)	(Iris)	(Manual)	
		(Focus)	(Manual)	
		(Zoom)	/	
	(Operating temperature)		-30℃～+70℃	

(Size)



Size tolerance (mm)：	0-10±0.2	10-30±0.3	30-120±0.5
Angle tolerance	±2°		

(Test Standard)			
(Model)：		BLF11M7014MP12-IR	
Test Items		Test Content	
1	Resolution Test	Test Conditions	Project Distance: 3m with RL7035 Relay Lens Plate Glass Thickness:1.5±0.2mm FnoAdjust to 2
		Center≥	160 lp/mm
		Φ16≥	100 lp/mm
		Image Stardard	The image should be clear.
	Environment	≤1 lux	
2	Appearance Inspection	Inside Lens Barrel	60-40： 60 Scratch: The maximum scratch width is allowed to be 0.06mm, scratch length on the first surface<1mm, scratch length on other surface<Φ/4. Scratch total length<Φ/2. 40 Bright Spots: (the size of the bright spot is determined by the longest side)The maximum bright spot size is allowed to be 0.4mm, only one in the middle and edge regions. Two bright spots is allowed when the size ≦0.2mm, and the distance must≥1mm;
		Outside Lens Barrel	The lens barrel has no obvious color difference, scratch, break, deformation; the glue is not allowed to overflow into the effective light path; no word drop, clear writing, the same font size, even spacing, etc；

(Reliability and Environmental Testing)		
(Model)：		BLF11M7014MP12-IR
Test Items		Test Content
1	High and low temperature storage	Temperature 85℃±3° C, leave for 48 hours. Temperature -40° C±3° C, leave for 48 hours. After the test, all indicators of the lens were qualified.
2	Online test	Power on,Temperature -30° C±3° C, constant temperature 0.5 hours Temperature 70℃±3° C, constant temperature 0.5 hours After the test, all indicators of the lens were qualified.
3	Damp heat test	1.Temperature -30° C±3° C, 2.Humidity (85±3)%RH; 3.Leave for 48 hours.After the test, all indicators of the lens were qualified.
4	Temperature Cycling Test	1：Temperature -30° C±3° C, leave for 1.5 hours 2：Temperature 70° C±3° C, leave for 3 hours; 2 cycles After the test, all indicators of the lens were qualified.
5	Bare metal vibration test	10HZ-100HZ,0.5㎡/s² 100HZ-200HZ，-3db/OCT 200HZ-1000HZ,1㎡/s² After the test, all indicators of the lens were qualified.
6	Free drop test	One point, three edges and six sides，a total of 10 declines; Test ground: steel plate Drop height 1000mm; With packaging After the test is completed, the appearance of the sample is intact, there is no damage, cracking, deformation, power-on function and normal performance;
7	Salt spray test	5%NaCl； A total of 72h was tested. After the test is completed, the appearance of the whole sample machine does not fail;
8	Solar radiation test	1120W/m2, 168 hours;

(Packing Specification)	
(Model) :	BLF11M7014MP12-IR

1. Stick label on the surface of lens after capped.

2. Put the lens into the carton box.

3. The unit will be packaged in a corrugated box.

4. Seal the corrugated box with tape and mark the surface.