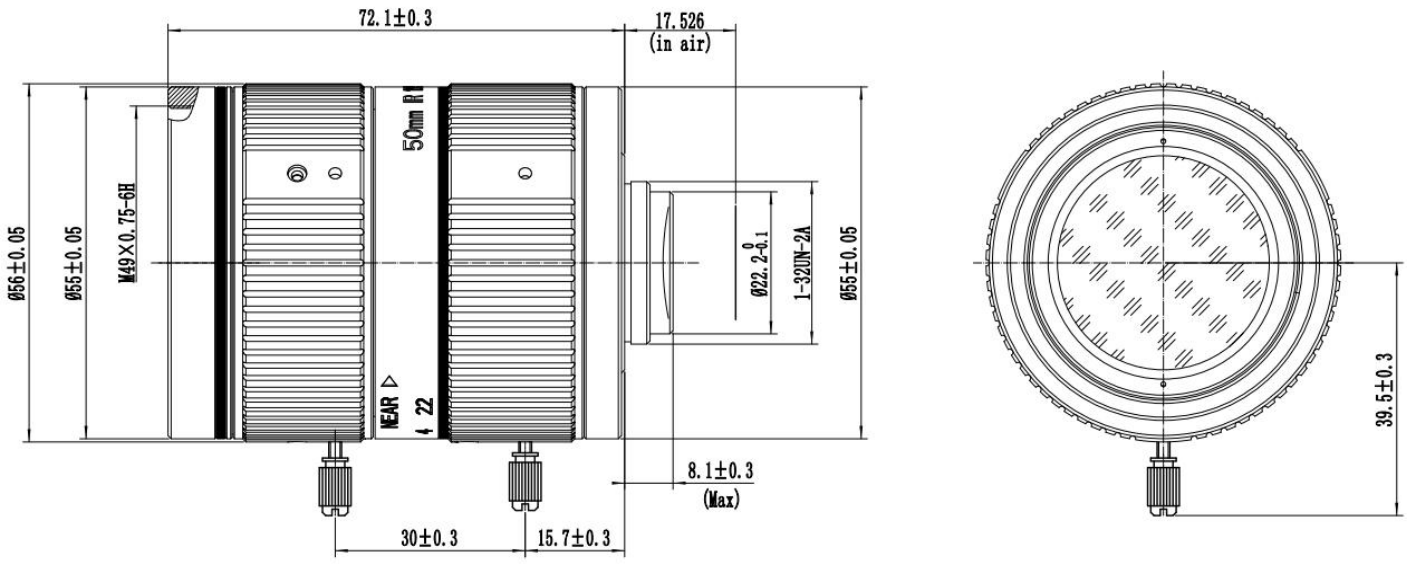
(Parameter of Lens)

(Model)：	BLF11M5014MP12-IR		
	(Resolution)	12 MegaPixel	
	(Image format)	1.1″	
	(Focal length)	50±5%mm	
	(Aperture)	F1.4±10%	
	(Mount)	C	
	(Field Angle) D×H×V(°) ±5%	″ / °	IMX533
		D	19.1
		H	13.6
		V	13.3
	(Optical Distortion)	-2.13% in Φ17.6mm	
	(CRA)	10.5°	
	(M.O.D.)	1m	
	(Dimension)	Φ56×72.1mm	
	(Weight)	335±5g	
	(Flange BFL)	17.526mm (in air)	
	(BFL)	11.453mm (in air)	
	(MBF)	9.872mm (in air)	
	(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)：		BLF11M5014MP12-IR	
Test Items		Test Content	
1	Resolution Test	Test Conditions	Project Distance：3m RL7035 Relay Lens Plate Glass Thickness：1.5±0.2mm
		Center≥	160 lp/mm
		Φ12≥	125 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;
		Rotation	Feel the rotation back and forth smoothly without jumping, stuck and abnormal sounds,etc

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Test Items		Test Content
1	Temperature Cycling Test	Lens is placed on two cycles in the test temperature (-30±3)℃ for 1.5 hours and in (70±3)℃ for 3 hours separately. Then, the indicators are qualified after placing the lens at room temperature for 24 hours.
2	Damp heat test	Lens is placed in the test temperature (70±3)℃, humidity 85% RH for 48 hours. Then, the indicators are qualified after placing the lens at room temperature for 24 hours.
3	Drop Test	Lens drops from the height of (1±0.1m) to the concrete ground. After the testing, the indicators are qualified.
4	Vibration Test	Lens vibrates 2h in sinusoidal wave under 1 mm of amplitude and 50Hz of frequency. After the testing, the indicators are qualified.

(Packing Specification)	
(Model)：	BLF11M5014MP12-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.