



* This diagram only have lens, without lens holder.

unit: ±0.2mm

Sensor information	1. Image Sesnor:	1/11" VGA		
	2. Pixel Size:	2.0um		
	3. Resolution:	640 X 480		
	4. 1/4 Imaging Area : (VxHxD)	0.48 X0.64 X0.8 mm		
	5.structure	1E		
Optical spec	1. Focal Length:	1.43mm		
	2. Focus range:	20cm~Infinity		
	3. F#	3.2		
	4. Max CRA (wave lenth=550nm)	24.6		
	5. FOV:	Diagonal	56.7 degree	
		Horizontal	46.97degree	
	Vertical	36.1 degree		
	6. Relative Illumination:	59%		
	7. Max TV Distortion: (Tra)	<1%		
	8. Image Circle:	2 mm		
	9. Total Optical Track: (30CM)	2.5 mm (0.4mm cover glass)		
10.lens cube height	2.05 mm			
11.MTF	Design value	62 lp/mm (T/S)	125 lp/mm (T/S)	
	Center	0.84	0.67	
	0.4 field	0.73 / 0.77	0.43 / 0.55	
	0.7 field	0.63 / 0.48	0.30 / 0.20	