

## 8MP 4K OIS USB Camera Module Specifications



### I. Main Parameters

Product Name	4K USB3.0 OIS Camera Module
Product Code	WN-L250IK410 4K V3
Module Size	38*38*54.65mm
Image Sensor	1/2.7-inch CMOS Sensor
Max. Resolution	3840H*2160V 4K
Pixel Size	1.5*1.5μm
Output Format	MJPEG, YUY2, H.264, H.265, NV12, AV01
Field of View	88.2°
Lens	EFL:5.1mm, F/No:1.0, 4G+2P IR650nm
TV DISTORTION	0.5% CRA:12.6°
Focus Mode	Fixed Focus/ Manual Focus
Shutter Mode	Electronic Rolling Shutter
Output & Power Supply	High Speed USB3.0
Interface	USB3.0 Type-C
Controllable Parameters	Brightness, Contrast, Saturation, Hue, Sharpness, Gain, Gamma, White Balance, Backlight Contrast, Exposure
Supported OS	UVC-compliant, Plug and Play for Windows, Android, Linux, Mac OS, etc.
Connection Cable	Default 1.5 Meter USB Cable
OIS Specification	Rated Travel: ≥150μm
	Mechanical Travel: ±220μm
	Dynamic Optical Axis: ≤10'
	Accuracy: ≤5μm
	OIS Angle: ≤2.8°

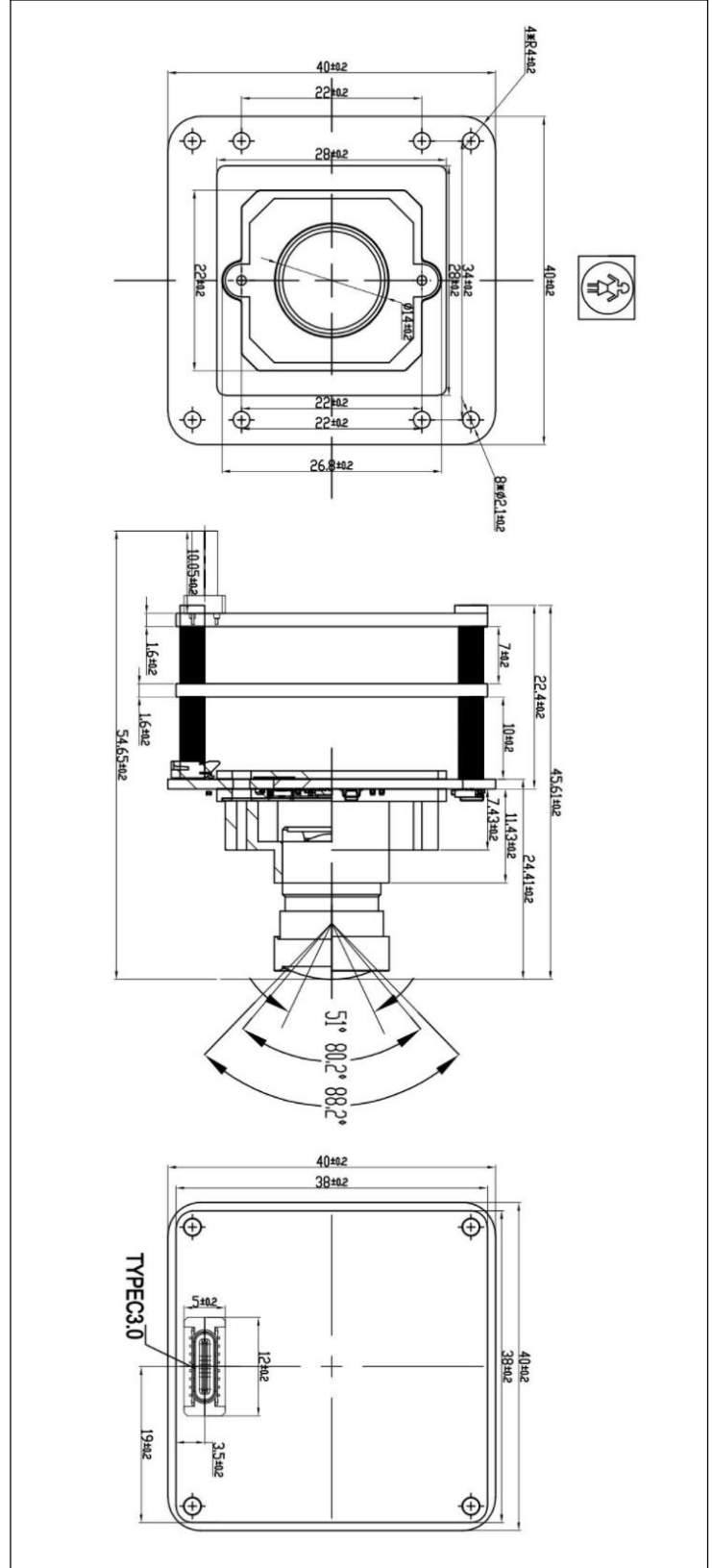
### 2. Resolutions and Frame Rates

Resolutions	Frame Rates					
	MJPEG	YUY2	NV12	H.264	H.265	AV01
3840*2160	60FPS	15FPS	15FPS	60FPS	60FPS	60FPS
2592*1944	60FPS	30FPS	30FPS	60FPS	60FPS	60FPS
2560*1440	60FPS	30FPS	30FPS	60FPS	60FPS	60FPS
2048*1536	60FPS	30FPS	30FPS	60FPS	60FPS	60FPS
1600*1200	60FPS	30FPS	30FPS	60FPS	60FPS	60FPS
1920*1080	60FPS	30FPS	30FPS	60FPS	60FPS	60FPS
1280*720	60FPS	30FPS	30FPS	60FPS	60FPS	60FPS
640*480	60FPS	30FPS	30FPS	60FPS	60FPS	60FPS

### 3. Working Conditions

Working Voltage	DC 5V
Working Current	590mA
Working Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

### 4. Shape and Dimensions (Unit: mm)



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