

Working Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

USB3.0 I2MP USB Camera Module Specifications



I. Main Parameters

Product Name	USB3.0 I2MP Camera Module
Product Code	WN-L2603K444L V3.0-577
Module Size	PCB: 40*29*9.9mm FPC: 196.76mm
Image Sensor	1/2.3-inch CMOS Sensor
Max. Resolution	4048H*3024V
Pixel Size	1.55*1.55μm
Output Format	MJPEG, YUY2
Field of View	D 101.5° x H 88° x V 73° (or TBD)
Focus Mode	Fixed Focus/ Manual Focus
Shutter Mode	Electronic Rolling Shutter
Interface	Type C USB 3.0
Output & Power Supply	High Speed USB3.0
Controllable Parameters	Brightness, Contrast, Saturation, Hue, Sharpness, Gain, Gamma, White Balance, Backlight Contrast, Exposure
Supported OS	UVC-compliant, Plug and Play for Windows10, Windows11, Android, Linux etc.
Connection Cable	Default 1.5 Meter USB Cable

2. Resolutions and Frame Rates

Resolutions	Frame Rates				
	MJPG	YUY2	H.264	H.265	NV12
4048*3024	30FPS	10FPS	/	/	/
4000*3000	30FPS	10FPS	/	/	/
3840*2160	30FPS	15FPS	/	/	/
2560*1440	30FPS	30FPS	/	/	/
2592*1944	30FPS	30FPS	/	/	/
2048*1536	30FPS	30FPS	/	/	/
1920*1080	30FPS	30FPS	/	/	/
1280*720	30FPS	30FPS	/	/	/
640*480	30FPS	30FPS	/	/	/

3. Working Conditions

Working Voltage	DC 5V
Working Current	250mA

4. Shape and Dimensions (Unit: mm)

