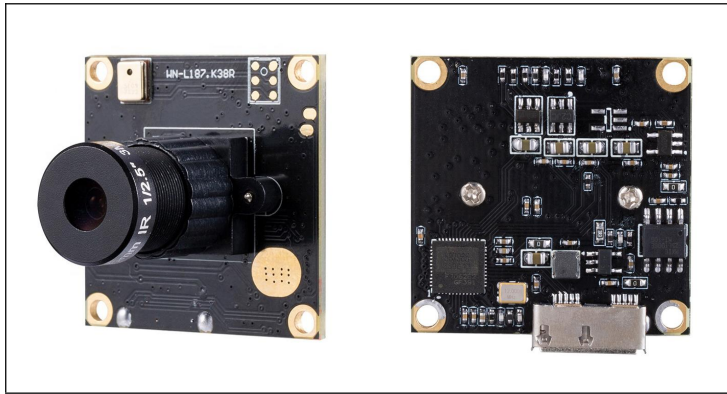


8MP USB3.0 Camera Module Specifications



I. Main Parameters

Product Name	8MP USB3.0 Camera Module
Product Code	WN-LI87.K38R
Module Size	32*32mm
Image Sensor	1/3.2-inch IMX179 CMOS Sensor
Max. Resolution	3264 H x 2448 V
Pixel Size	1.4*1.4 μ m
Output Format	MJPEG, YUY2
Field of View	110°
Lens	EFL: 2.9mm, F.NO: 2.2, 5GIP+IR 650nm
Audio Input	Digital Microphone
Focus Mode	Autofocus/ Fixed Focus/ Manual Focus
Shutter Mode	Electronic Rolling Shutter
Dynamic Range	Up to 72.5dB
Output & Power Supply	High Speed USB3.0
Interface	Micro USB3.0 Connector
Controllable Parameters	Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White Balance, Backlight Contrast, Exposure
Supported OS	UVC-compliant, Plug and Play for Windows, Android, Linux, Mac OS, etc.
Connection Cable	Default 1.0 Meter USB Cable

2. Supported Resolutions and Frame Rates

Formats	Resolutions	Frame Rates (USB3.0)
MJPEG	3264x2448 (8MP)	15FPS
	2592x1944 (5MP)	15FPS
	2048x1536 (2K)	15FPS
	1920x1080 (1080P)	30FPS
	1600x1200 (UXGA)	30FPS
	1280x720 (720P)	30FPS
	800x600 (WVGA)	30FPS
	640x480 (VGA)	30FPS
YUY2	3264x2448 (8MP)	15FPS
	2592x1944 (5MP)	15FPS
	1920x1080 (1080P)	30FPS
	1600x1200 (UXGA)	30FPS
	640x480 (VGA)	30FPS

3. Working Conditions

Working Voltage	DC 5V
Working Current	110mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~ 85%

4. Shape and Dimensions (Unit: mm)

