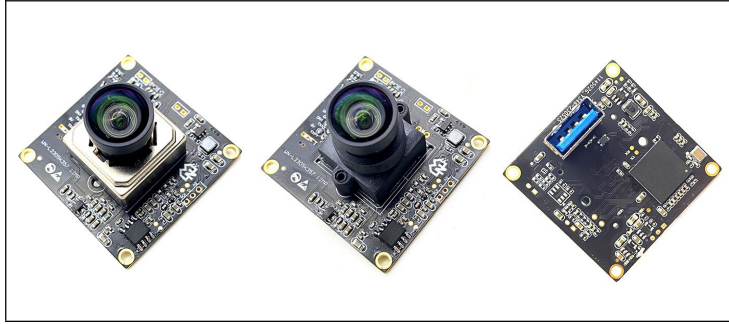


I2MP USB3.0 Camera Module Specifications



1. Main Parameters

Product Name	I2MP USB3.0 Camera Module
Product Code	WN-L2305K357
Module Size	38*38mm
Image Sensor	1/2.3-inch CMOS Sensor
Lowest illumination	0.1Lux
Max. Resolution	4000H x 3000V
Pixel Size	1.55*1.55μm
Output Format	MJPEG, YUY2, H.264
Field of View	100°
Lens	FEL:3.24mm F/NO:2.7 4G+2P IR 650NM
Audio Input	USB Microphone
Focus Mode	Autofocus/ Fixed Focus/ Manual Focus
Shutter Mode	Electronic Rolling Shutter
Output & Power Supply	High Speed USB3.0
Interface	USB3.0 Female 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 I.O Meter USB Cable

2. Supported Resolutions and Frame Rates

Formats	Resolutions	Frame Rates (USB3.0)
MJPEG	4000x3000 (I2MP)	18FPS
	3840x2160(4K)	30FPS
	2852x1944(5MP)	30FPS
	2048x1536(3MP)	30FPS
	1920x1080 (1080P)	30FPS
	1280x720 (720P)	30FPS
YUY2	640x480 (VGA)	30FPS
	4000x3000 (I2MP)	8FPS
	3840x2160(4K)	15FPS
	2852x1944(5MP)	30FPS
	2048x1536(3MP)	30FPS
	1920x1080 (1080P)	30FPS
H.264	1280x720 (720P)	30FPS
	640x480 (VGA)	30FPS
	1920x1080 (1080P)	30FPS

	1280x720 (720P)	30FPS
	640x480 (VGA)	30FPS

3. PIN Definitions

Pin No.	Signal Names	Descriptions
1	VCC	5V Power
2	DP	Data+
3	DM	Data-
4	GND	GND
5	SSPXNI	USB3.0 SSPXNI
6	SSPXPI	USB3.0 SSPXPI
7	GND	GND
8	SSTXNI	USB3.0 SSTXNI
9	SSTXPI	USB3.0 SSTXPI

4. Working Conditions

Working Voltage	DC 5V
Working Current	480mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

5. Shape and Dimensions (Unit: mm)

