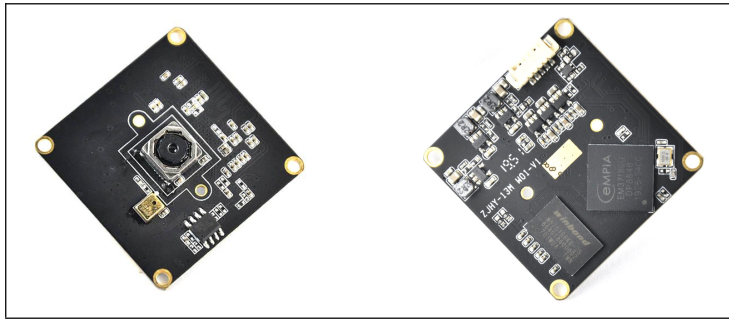


I3MP USB2.0 Camera Module Specifications



1. Main Parameters

Product Name	I3MP USB2.0 Camera Module
Product Code	WN-LI89.L48
Module Size	38*38mm
Image Sensor	1/3.06-inch IMX214 CMOS Sensor
Max. Resolution	4192 H x 3104 V
Pixel Size	1.12*1.12μm
Output Format	MJPEG
Field of View	78°
Lens	EFL: 3.79mm, F/No: 2.0, 5P+IR 650nm
Audio Input	Digital Microphone
Focus Mode	Autofocus
Shutter Mode	Electronic Rolling Shutter
Output & Power Supply	High Speed USB2.0
Interface	5PIN 1.25mm 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
MJPEG	4192 x 3104 (I3MP)	8FPS
	3264 x 2448 (8MP)	10FPS
	2592 x 1944 (5MP)	15FPS
	2048 x 1536 (2K)	15FPS
	1920 x 1080 (1080P)	30FPS
	1600 x 1200 (UXGA)	30FPS
	1280 x 720 (720P)	30FPS
	800 x 600 (WVGA)	30FPS
	640 x 480 (VGA)	30FPS

3. PIN Definitions

Pin No.	Signal Names	Descriptions
1	VCC	DC 5V
2	DM	USB2.0 Data-
3	DP	USB2.0 Data+
4	GND	Ground
5	GND	Ground

4. Working Conditions

Working Voltage	DC 5V
Working Current	380mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~ 85%

5. Shape and Dimensions (Unit: mm)

