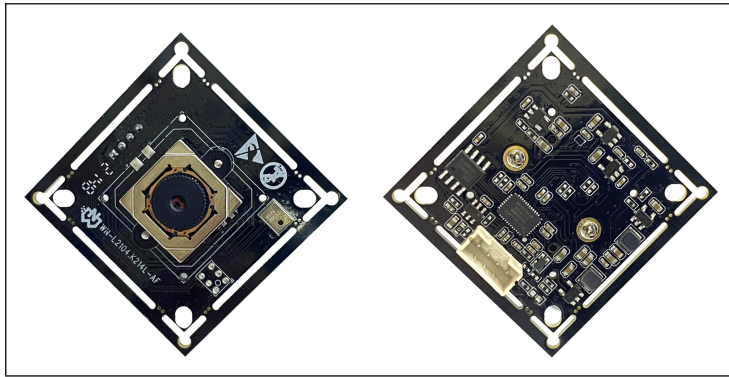


## 2MP I080P USB2.0 Camera Module Specifications



### I. Main Parameters

Product Name	2MP I080P USB2.0 Camera Module
Product Code	WN-L2104.K214L
Module Size	38*38mm
Image Sensor	1/2.9-Inch GC2093 CMOS Sensor
Max. Resolution	1920 H x 1080 V
Frame Rate	60FPS
Pixel Size	2.8*2.8μm
Output Format	MJPEG, YUY2
Field of View	69°
Lens	F:1.5mm, F/NO:2.5, 4P+650IR
Image Color	Color
Audio Input	Digital Microphone
Focus Mode	Autofocus
Shutter Mode	Electronic Rolling Shutter
Output & Power Supply	High Speed USB2.0
Interface	4PIN 2.0mm 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	1920x1080 (I080P)	60FPS
	1280x720 (720P)	60FPS
	640x480 (VGA)	60FPS
YUY2	1920x1080 (I080P)	5FPS
	1280x720 (720P)	5FPS
	640x480 (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

### 4. Working Conditions

Working Voltage	DC 5V
Working Current	160mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

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

