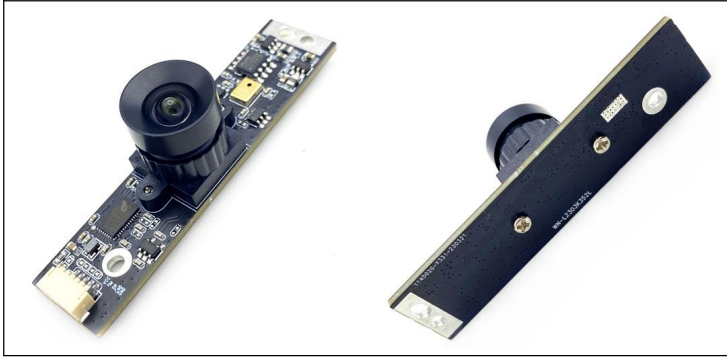


## 2MP USB2.0 Camera Module Datasheet



### 1. Main Parameters

Product Name	2MP USB2.0 Camera Module
Product Code	WN-L2303K352L
Module Size	62*14mm
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	90°
Lens	F:3.5mm, F/NO:2.0, 2G2P+650IR
Image Color	Color
Audio Input	Digital Microphone
Focus Mode	Fixed Focus/ Manual Focus
Shutter Mode	Electronic Rolling Shutter
Output & Power Supply	High Speed USB2.0
Interface	5PIN 1.0mm 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 (1080P)	60FPS
	1280x720 (720P)	60FPS
	640x480 (VGA)	60FPS
YUY2	1920x1080 (1080P)	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
5	GND	Ground

### 4. Working Conditions

Working Voltage	DC 5V
Working Current	150mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

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

