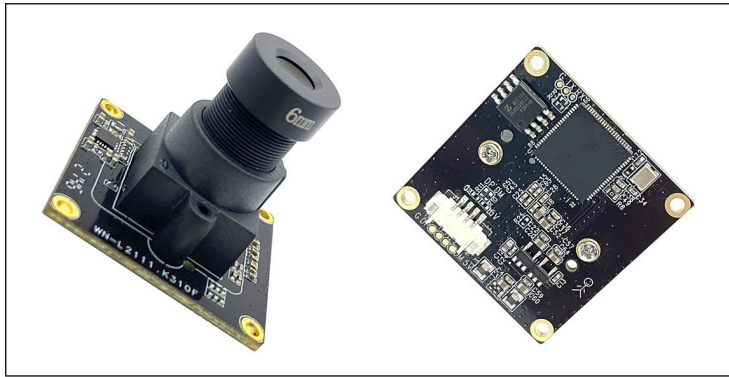


2MP I080P USB2.0 Camera Module Specifications



I. Main Parameters

Product Name	2MP I080P USB2.0 Camera Module
Product Code	WN-L2III.K310F
Module Size	32*32mm
Image Sensor	1/1.8-Inch SC2210 CMOS Sensor
Max. Resolution	1920 H x 1080 V
Frame Rate	30FPS
Pixel Size	4.0*4.0μm
Output Format	MJPEG, YUY2, H.264
Field of View	72°
Lens	EFL:6mm, F/NO:1.2, 5G+IR 650nm
Dynamic Range	Up to 100dB
Sensitivity	10800 mV/lux·s
Focus Mode	Fixed Focus/ Manual Focus
Shutter Mode	Electronic Rolling Shutter
Output & Power Supply	High Speed USB2.0
Interface	4PIN 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
H.264	1920x1080 (I080P)	30FPS
	1280x720 (720P)	30FPS
	640x480 (VGA)	30FPS
MJPEG	1920x1080 (I080P)	30FPS
	1280x720 (720P)	30FPS
	640x480 (VGA)	30FPS
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	190mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

5. Shape and Dimensions (Unit: mm)

