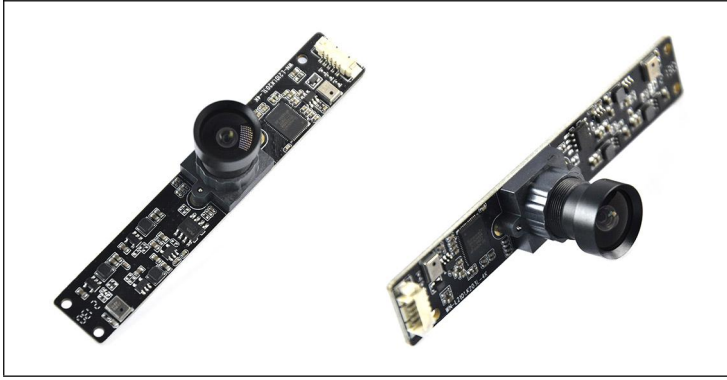


## HD 4K USB2.0 Camera Module Datasheet



### 1. Main Parameters

Product Name	HD 4K USB2.0 Camera Module
Product Code	WN-L2101.K203L
Module Size	90*15mm
Image Sensor	1/2.8-inch IMX415 CMOS Sensor
Max. Resolution	3840 H x 2160 V
Pixel Size	1.45*1.45μm
Output Format	MJPEG, YUY2
Field of View	120°
Lens	EFL: 2.35mm, F/No: 2.4, 4G2P+IR 650nm
Audio Input	Digital Microphone
Focus Mode	Fixed Focus/ Manual Focus
Shutter Mode	Electronic Rolling Shutter
Output & Power Supply	High Speed USB2.0
Interface	5PIN 1.25mm 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	3840x2160	30FPS
	2952 x1944	30FPS
	2560x1440	30FPS
	1920x1080	30FPS
	1280x720	30FPS
YUY2	3840x2160	2FPS
	2560x1440	2FPS
	1920x1080	5FPS
	1280x720	10FPS
	640 x480	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	230mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

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

