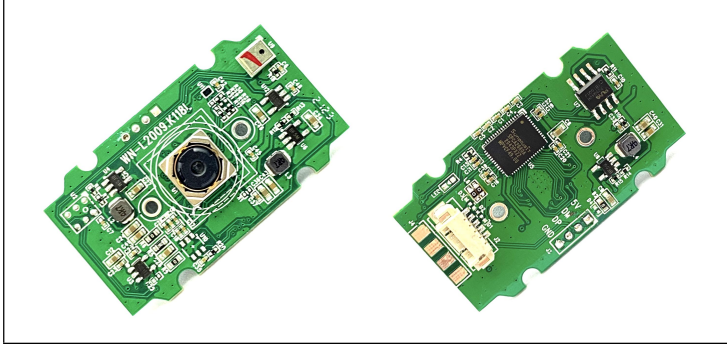


12MP 4K USB2.0 Camera Module Datasheet



1. Main Parameters

Product Name	12MP 4K USB2.0 Camera Module
Product Code	WN-L2009.K118L
Module Size	44*21mm
Image Sensor	1/3.06-inch IMX258 CMOS Sensor
Max. Resolution	3840 H x 3104 V
Pixel Size	1.12*1.12μm
Output Format	MJPEG
Field of View	77°
Lens	EFL: 3.54mm, 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	3840x3104	15FPS
	3840x2160	30FPS
	3264x2448	30FPS
	2952x1944	30FPS
	2048x1536	30FPS
	1920x1080	30FPS
	1280x720	30FPS
	800x600	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	190mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

5. Shape and Dimensions (Unit: mm)

