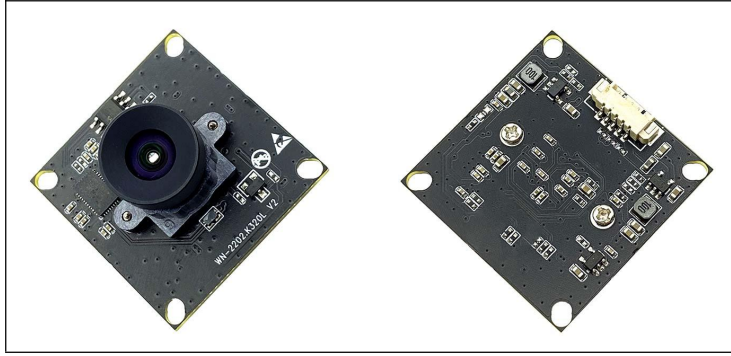


# Global Shutter 1.0MP USB2.0 Camera Module Datasheet



## 1. Main Parameters

Product Name	1.0MP USB2.0 Camera Module
Product Code	WN-L2202.K320L
Module Size	32*32mm
Image Sensor	1/4.0-inch OV9281 CMOS Sensor
Max. Resolution	1280 H x 800 V
Frame Rate	120FPS
Image Color	Monochrome
Pixel Size	3.0*3.0µm
Output Format	MJPEG, YUY2
Field of View	150°
Focus Mode	Fixed Focus, Manual Focus
Shutter Mode	Global Shutter
Output & Power Supply	High Speed USB2.0
Interface	5 PIN 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	1280*800	120FPS
	1280*720	120FPS
	1280*480	120FPS
	640*240	120FPS
YUY2	1280*800	5FPS
	1280*720	5FPS
	1280*480	15FPS
	640*240	30FPS

## 3. PIN Definitions

Pin No.	Signal Names	Descriptions
1	VCC	DC 5V Power
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)

