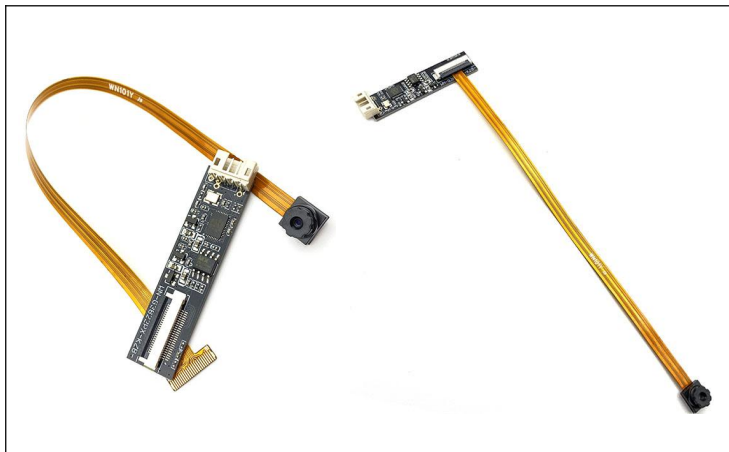


## 1.0MP 720P USB2.0 Camera Module Specifications



### 1. Main Parameters

Product Name	1.0MP 720P USB2.0 Camera Module
Product Code	WN-G3822PX-KZB-170
Module Size	PCB: 53.5mm*12mm*4.8mm FPC: 170mm
Image Sensor	1/4.0-inch OV9712 CMOS Sensor
Resolution	1280 H x 720 V
Pixel Size	3.0*3.0 $\mu$ m
Output Format	MJPEG, YUY2
Field of View	65°
Lens	4P+650IR (EFL:3.4mm F/NO:2.8)
Focus Mode	Fixed Focus, Manual Focus
Shutter Mode	Electronic Rolling Shutter
Dynamic Range	Up to 72dB
Output & Power Supply	High Speed USB2.0
Interface	4PIN 2.0mm 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	1280x720	30FPS
	640x480	30FPS
	320x240	30FPS
YUY2	1280x720	5FPS
	640x480	5FPS
	320x240	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

### 4. Working Conditions

Working Voltage	DC 5V
Working Current	90mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

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

