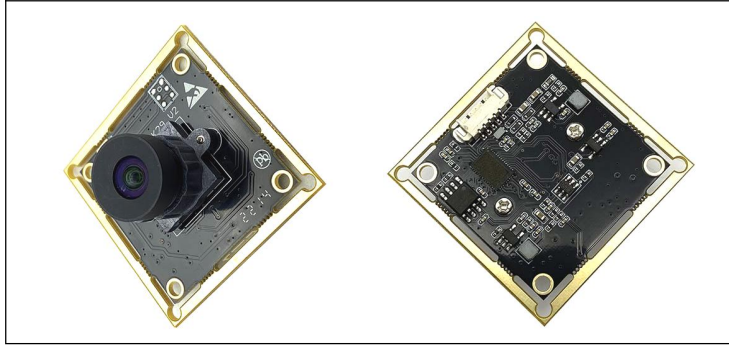


3MP USB Camera Module Datasheet



1. Main Parameters

Product Name	3MP USB2.0 Camera Module
Product Code	WN-L185.K29
Module Size	38*38mm, 32*32mm
Image Sensor	1/3.0-inch AR0330 CMOS Sensor
Max. Resolution	2048 H x 1536 V
Pixel Size	2.2*2.2μm
Output Format	MJPEG, YUY2
Field of View	170°
Audio Input	Digital Microphone
Lens	EFL: 1.7mm, F/No. 2.3, 2G2P+IR 650nm
Focus Mode	Fixed Focus/ Manual Focus
Shutter Mode	Electronic Rolling Shutter
Dynamic Range	Up to 69.5dB
Output & Power Supply	High Speed USB2.0
Interface	4PIN 1.5mm 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	2048x1536	20FPS
	1920x1080	30FPS
	1280x720	30FPS
	640x480	30FPS
YUY2	2048x1536	3FPS
	1920x1080	5FPS
	1280x720	10FPS
	640x480	30FPS

3. PIN Definitions

Pin No.	Signal Names	Descriptions
1	VCC	DC 5V
2	DM	USB2.0 Data-
3	DP	USB2.0 Data+
4	GNG	Ground

4. Working Conditions

Working Voltage	DC 5V
Working Current	250mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

5. Shape and Dimensions (Unit: mm)

