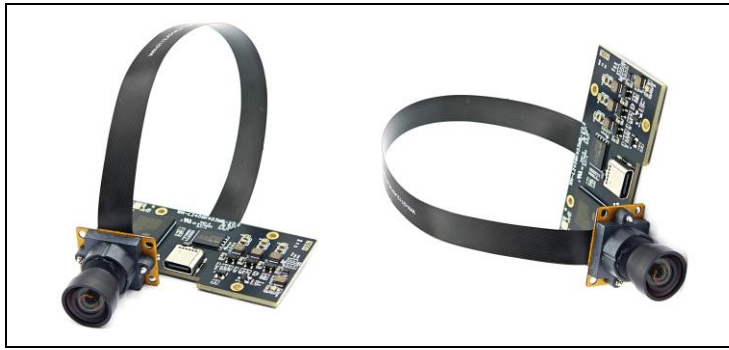


5MP USB3.0 Camera Module Specifications



I. Main Parameters

Product Name	5MP USB3.0 Camera Module
Product Code	WN-L2403MB-V2.2 FT335
Module Size	PCB-60*29mm, FPC-170.5mm
Image Sensor	1/2.8-inch IMX335 CMOS Sensor
Max. Resolution	2952H*1944V
Pixel Size	2.0*2.0μm
Output Format	MJPEG, YUV2, NVI2, H264, H265
Field of View	88°
Audio Input	Digital Microphone
Lens	EFL:3.24mm, F/No.:2.7, 4G2P+IR 650nm
Focus Mode	Fixed Focus/ Manual Focus
Shutter Mode	Electronic Rolling Shutter
Adaptive DNR	2D-DNR, 3D-DNR
Minimum Illumination	0.01Lux
Output & Power Supply	High Speed USB3.0
Interface	USB3.0 Type-C
Controllable Parameters	Brightness, Contrast, Saturation, Hue, Gain, Sharpness, Gamma, White Balance, Backlight Contrast, Exposure
Supported OS	UVC-compliant, Plug and Play for Windows, Android, Linux, Mac OS, etc.
Connection Cable	Default 1.5 Meter USB Cable

2. Resolutions and Frame Rates

Resolutions	Frame Rates	
	MJPEG	YUV2, NVI2, H.264, H.265
2592*1944	60FPS	25FPS
2560*1440	60FPS	30FPS
2048*1536	60FPS	30FPS
1600*1200	60FPS	30FPS
1920*1080	120FPS	30FPS
1280*720	120FPS	30FPS
640*480	120FPS	30FPS

3. PIN Definitions

Pin No.	Signal Names	Descriptions
1	VCC	5V Power
2	DP	Data-
3	DM	Data+

4	GND	GND
5	SSPXNI	USB3.0 SSPXNI
6	SSPXPI	USB3.0 SSPXPI
7	GND	GND
8	SSTXNI	USB3.0 SSTXNI
9	SSTXPI	USB3.0 SSTXPI

4. Working Conditions

Working Voltage	DC 5V
Working Current	450mA
Working Temperature	-10°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

5. Shape and Dimensions (Unit: mm)

