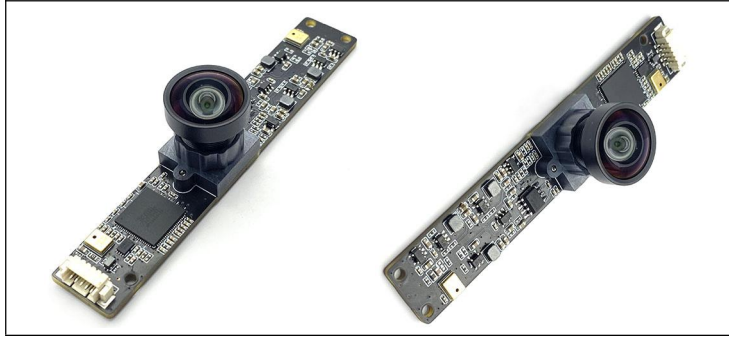


11MP 4K USB2.0 Camera Module Datasheet



1. Main Parameters

Product Name	11MP 4K USB2.0 Camera Module
Product Code	WN-L2204.K328L
Module Size	90*15.4mm
Image Sensor	1/2.3-inch IMX378 CMOS Sensor
Max. Resolution	3840 H x 2880 V
Pixel Size	1.55*1.55µm
Output Format	MJPEG, YUY2
Field of View	150°
Lens	EFL: 2.02mm, F/No: 2.5, 5G2P+IR 650nm
Audio Input	Digital Microphone
Focus Mode	Fixed Focus/ Manual Focus
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	3840 x 2880	15FPS
	3840 x 2160	30FPS
	3264 x 2448	30FPS
	2952 x 1944	30FPS
	2548 x 1536	30FPS
	1920 x 1080	30FPS
	1600 x 1200	30FPS
	1280 x 720	30FPS
	800 x 600	30FPS
640 x 480	30FPS	
YUY2	3840 x 2880	1FPS
	3840 x 2160	1FPS
	3264 x 2448	1FPS
	2952 x 1944	1FPS
	2548 x 1536	1FPS

1920 x 1080	5FPS
1600 x 1200	1FPS
1280 x 720	5FPS
800 x 600	10FPS
640 x 480	10FPS

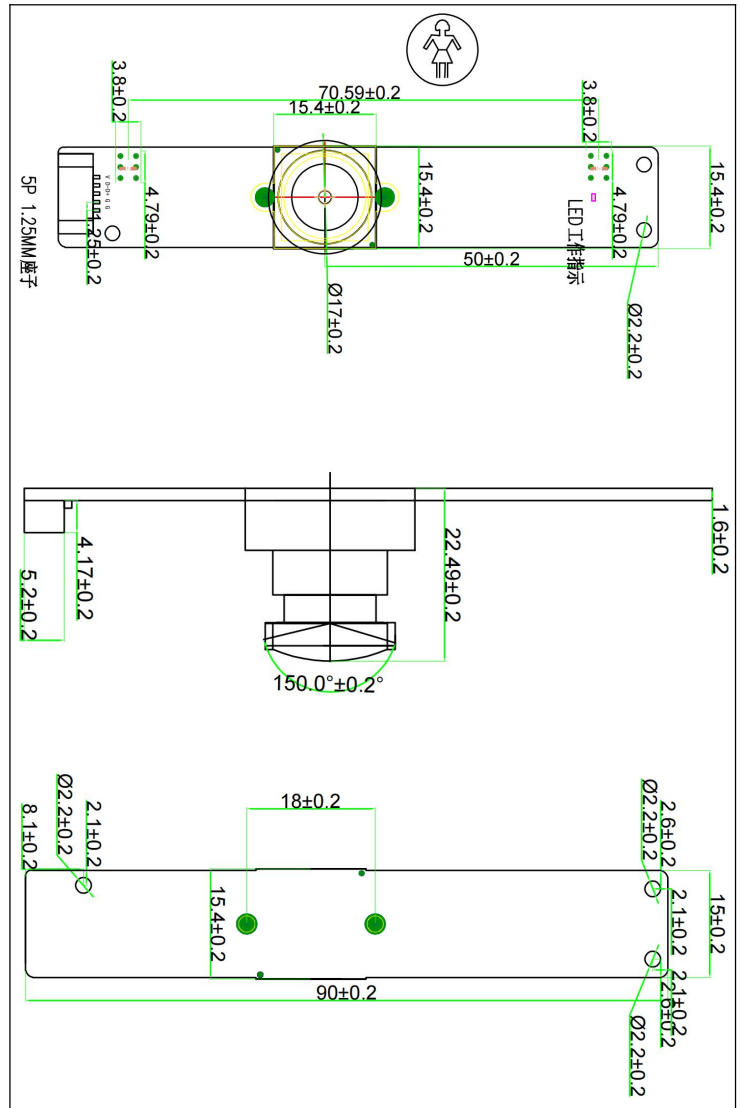
3. PIN Definitions

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)



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