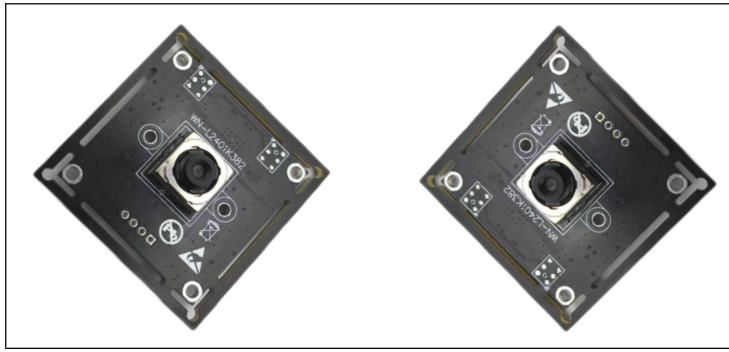


I2MP 4K USB2.0 Camera Module Specifications



1. Main Parameters

Product Name	I2MP 4K USB2.0 Camera Module
Product Code	WN-L240IK382
Module Size	38*38mm
Image Sensor	1/2.55-inch CMOS Sensor
Max. Resolution	4000H*3000V
Pixel Size	1.4*1.4μm
Output Format	MJPEG, YUY2
Field of View	81.6°
Lens	EFL: 4.25mm, F/No: 1.8±5%, 6P+IR 650nm
Audio Input	Digital Microphone
Focus Mode	PDAF Speed Autofocus
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 I.O Meter USB Cable

2. Resolutions and Frame Rates

Formats	Resolutions	Frame Rates
MJPEG	4000*3000	15FPS
	3840*2160	30FPS
	2592*1944	30FPS
	2048*1536	30FPS
	1600*1200	30FPS
	1920*1080	30FPS
	1280*720	30FPS
YUY2	1600x1200	5FPS
	1920x1080	5FPS
	1280x720	10FPS
	640X480	30FPS

3. PIN Definitions

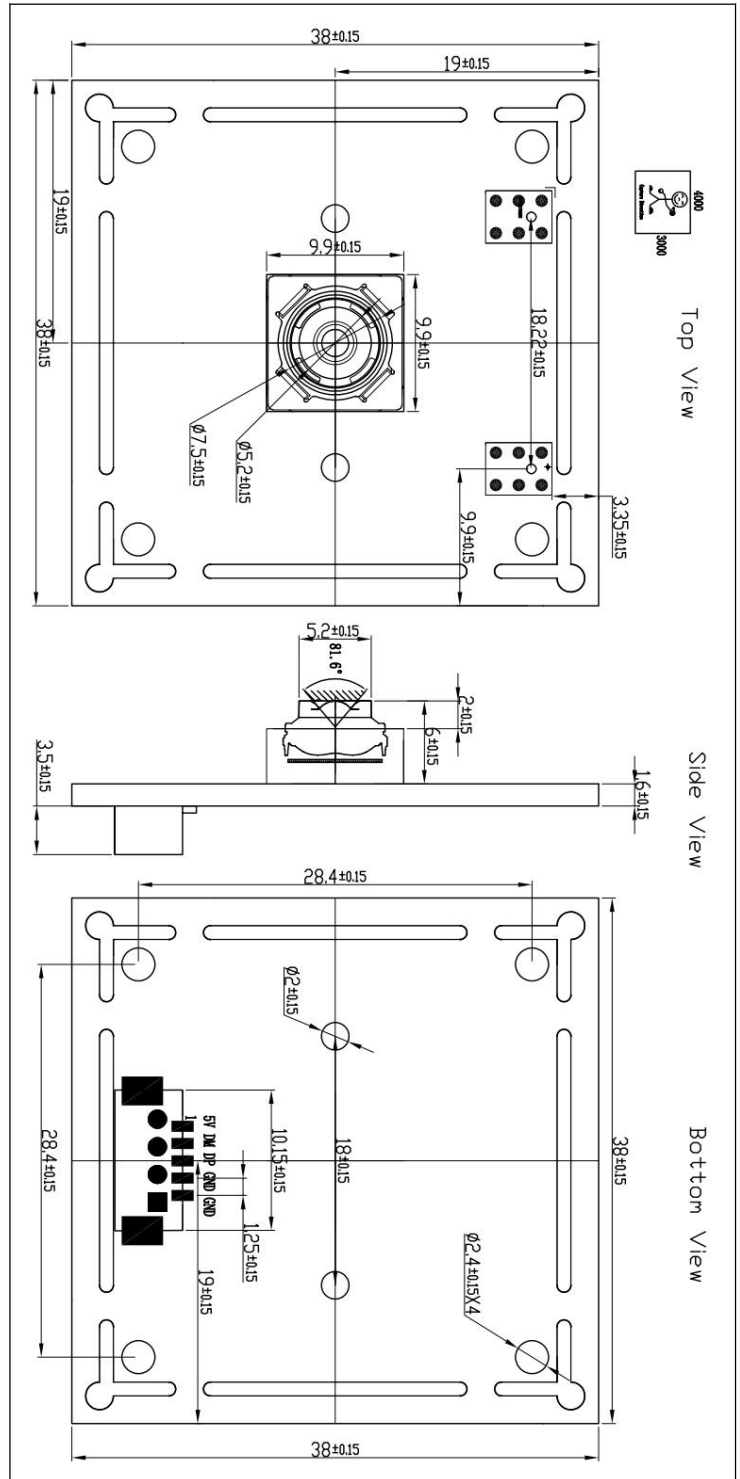
Pin No.	Signal Names	Descriptions
1	VCC	DC 5V

2	DM	USB2.0 Data-
3	DP	USB2.0 Data+
4	GND	Ground
5	GND	Ground

4. Working Conditions

Working Voltage	DC 5V
Working Current	270mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

5. Shape and Dimensions (Unit: mm)



Shenzhen Weinan Electronics Co.,Ltd.

Building 2, Baoke Industrial Park, Longhua, Shenzhen, Guangdong, China

Tel: +86 0755 27526467

E-mail: sales@weinanelectronics.com

<https://www.weinanelectronics.com>