

2MP 1080P Binocular USB2.0 Camera Module Specifications



I. Main Parameters

Product Name	2MP 1080P Binocular USB2.0 Camera Module
Product Code	WN-L2207.K332LSMZ90
Module Size	80*17mm
Image Sensor	1/2.7-Inch PS5268 CMOS Sensor
Max. Resolution	1920 H x 1080 V (IR Cam and RGB Cam)
Frame Rate	30FPS
Pixel Size	3.0*3.0μm
Output Format	MJPEG, YUY2
Field of View	95°
Lens	EFL:3.0mm, F/NO:2.5, 2G2P+IR 650nm
Dynamic Range	Up to 85dB
IR LED	4 Pieces, 850nm Infrared Band
Focus Mode	Fixed Focus/ Manual Focus
Shutter Mode	Electronic Rolling Shutter
Output & Power Supply	High Speed USB2.0
Interface	5PIN I.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	1920x1080 (1080P)	30FPS
	1280x720 (720P)	30FPS
	800x600(WVGA)	30FPS
	640x480 (VGA)	30FPS
YUY2	1920x1080 (1080P)	5FPS
	1280x720 (720P)	10FPS
	800x600(WVGA)	20FPS
	640x480 (VGA)	30FPS

3. PIN Definitions

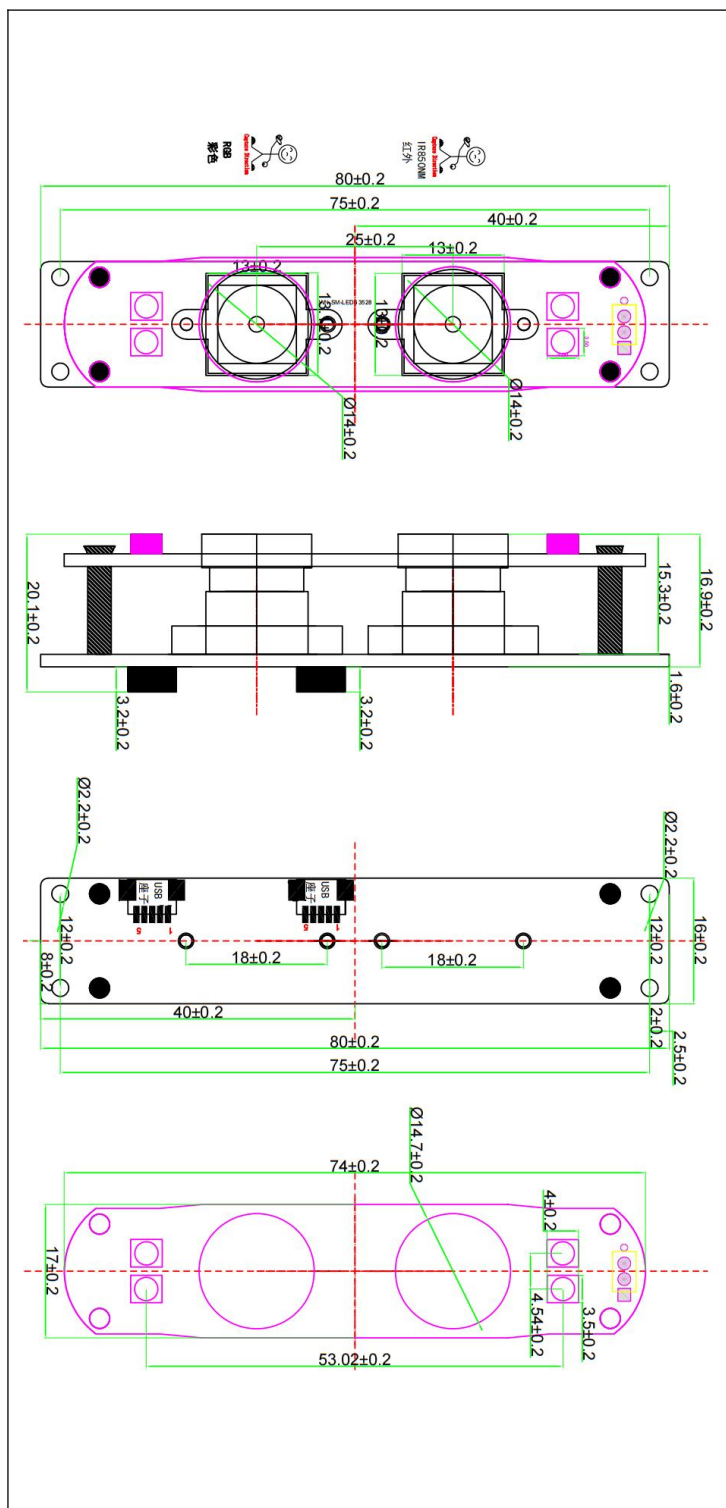
Pin No.	Signal Names	Descriptions
1	VCC	DC 5V
2	DM	USB2.0 Data-

3	DP	USB2.0 Data+
4	GND	Ground
5	GND	Ground

4. Working Conditions

Working Voltage	DC 5V
Working Current	RGB Cam: 120mA, IR Cam: 180mA
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>