

5MP USB2.0 Camera Module Datasheet



1. Main Parameters

Product Name	5MP USB2.0 Camera Module
Product Code	WN-N5035NK5MP
Module Size	Diameter: 11mm, PCB: 32.3*11mm
Image Sensor	1/5.0-inch GC5035 CMOS Sensor
Max. Resolution	2592 H x 1944 V
Pixel Size	1.12*1.12μm
Output Format	MJPEG, YUY2
Field of View	76.9°
LED	4PCS 0805 LEDs
Lens	EFL: 2.83mm, F/No. 2.0, 4P+IR 650nm
Focus Mode	Autofocus
Shutter Mode	Electronic Rolling Shutter
Audio Input	No
Output & Power Supply	High Speed USB2.0
Interface	6PIN Welding Spots
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	2952x1944	30FPS
	2048x1536	30FPS
	1920x1080	30FPS
	1280x720	30FPS
	800x600	30FPS
	640x480	30FPS
YUY2	2952x1944	3FPS
	2048x1536	3FPS
	1920x1080	5FPS
	1280x720	10FPS
	640x480	30FPS

3. PIN Definitions

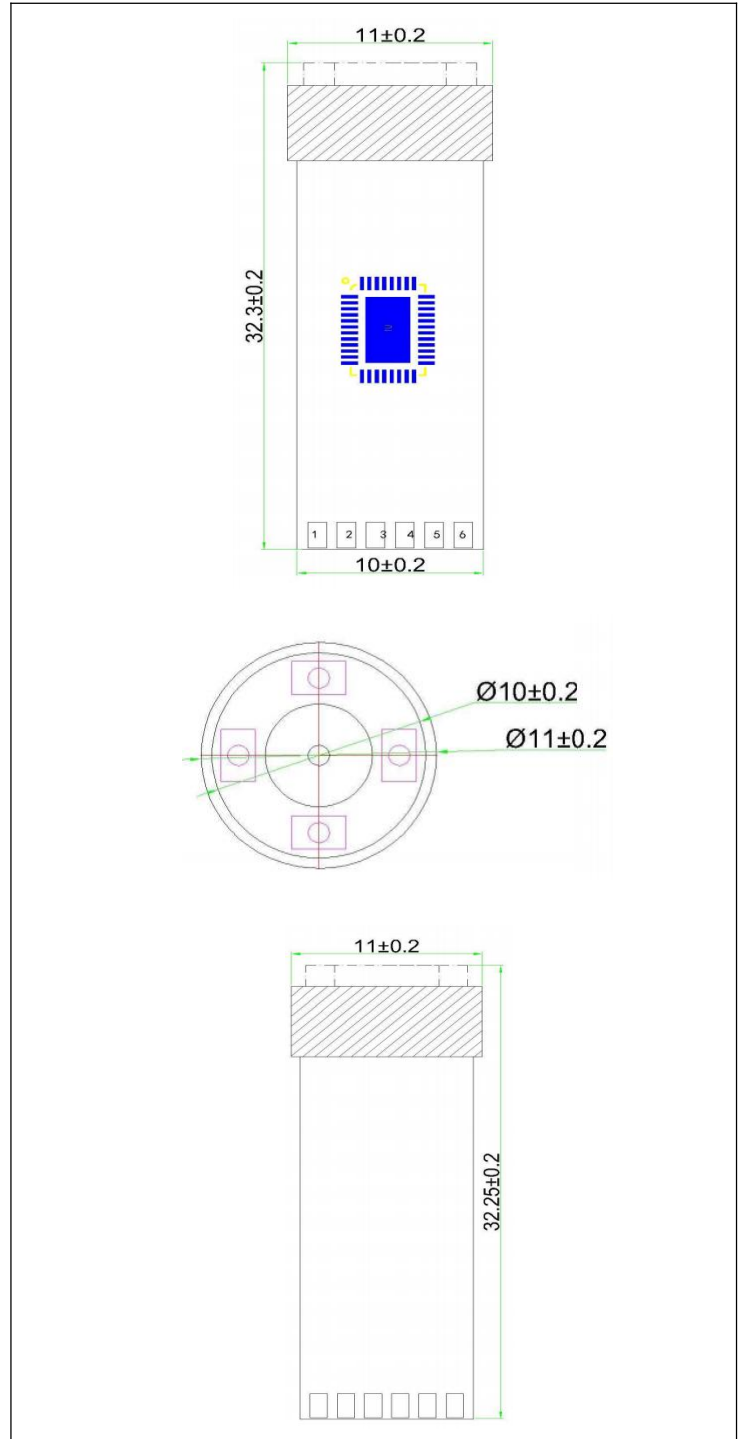
Pin No.	Signal Names	Descriptions
1	Key	Shot Key

2	LED	LED+
3	VCC	DV 5V
4	DM	USB2.0 Data-
5	DP	USB2.0 Data+
6	GND	Ground

4. Working Conditions

Working Voltage	DC 5V
Working Current	180mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

5. Shape and Dimensions (Unit: mm)



Zhuhai WinideaTech Co.,Ltd.

Floor 7, Block 4, No.216 Xingyuan Road, Xiangzhou, Zhuhai, GD 519000

+86 0756 2289950

camera@winideatech.com

<https://www.winideatech.com>