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Camera Module Specifications

5.0MP USB2.0 Camera Module

Product Code: WN-L2103.K208L



Camera Module Key Parameters

Module Size	62*9mm
Sensor	1/4.0-Inch OV5693 CMOS Sensor
Pixel Size	1.4*1.4μm
Resolution	2952 H x 1944 V
Output Format	MJPEG, YUV2
FOV	AF 76.9° Degree without Distortion (or TBD)
Lens	4P EFL:2.83mm F.NO:2.0
Scanning Speed	0.1S
Dynamic Range	Up to 69dB
Focus Type	AF/ FF/ MF
Shutter Type	Electronic Rolling shutter
Output and Power Supply	High Speed USB2.0
Interface	5 PIN 1.0MM Socket
Controllable Parameters	Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White Balance, Backlight Contrast, Exposure
Supported OS	Windows, Android, Linux, Wince, Mac OS
Cable Length	Default 1.0 Meter USB Cable

Supported Resolution and Frame Rate

Format	Resolution	Frame Rate (USB2.0)
MJPEG	2952*1944	30FPS
	2048*1536	30FPS
	1920 x 1080 (1080P)	30FPS
	1280 x 720 (720P)	30FPS
	800 x 600 (WVGA)	30FPS
	640 x 480 (VGA)	30FPS
YUY2	2952*1944	3FPS
	2048*1536	3FPS
	1920 x 1080 (1080P)	5FPS
	1280 x 720 (720P)	10FPS
	640*480(WVGA)	30FPS

PIN Definition

Pin No.	Signal Name	Description
1	VCC	5V Power
2	DM	USB2.0 Data+
3	DP	USB2.0 Data-
4	GND	GND
5	GND	GND

Working Condition

Operating Voltage	USB DC +5V Supply
Operating Current	190mA
Operating Temperature	-20°C ~ 70°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

Shape and Dimensions (Unit: mm)



Packing Standard

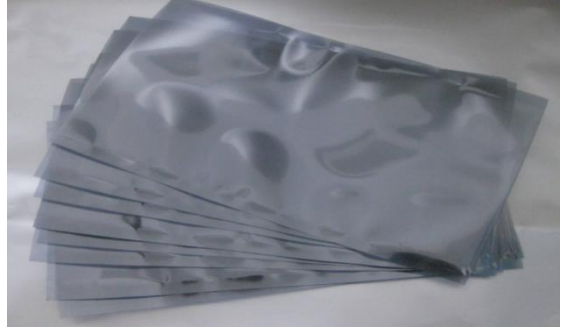
A. Brief Introduction:

- * Outer Carton: Super Hard Corrugated Carton
- * Inner Packages: Antistatic Bag, Plastic Tray
- * Packing Method: Put Plastic Tray in Antistatic Bag, Vacuuming Packing

B. Packing Pictures



Plastic Tray



Antistatic Bag



Vacuuming Packing



Laying into Corrugated Carton