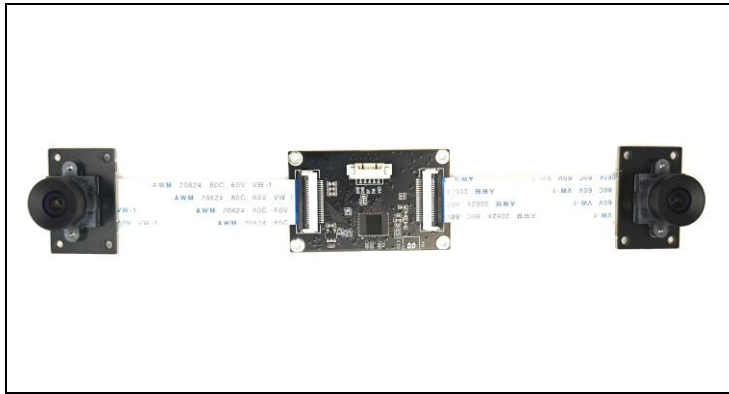


## I080P Global Shutter USB Camera Module Specifications



### I. Main Parameters

Product Name	I080P Global Shutter USB Camera Module
Product Code	WN-L2506K423LSMTB V2.0
Module Size	Main PCB: 45*28mm, Sensor PCB: 28.9*19mm
Image Sensor	1/2.6-inch CMOS Sensor
Max. Resolution	Dual Camera Syn Display 3840H*1080V
Pixel Size	3.0*3.0μm
Output Format	MJPEG, YUY2
Field of View	95° (or TBD)
Lens	EFL:3.0mm, F.NO:2.5, 2G2P+650NM IR
Focus Mode	Fixed Focus or Manual Focus
Shutter Mode	Global Shutter
Interface	5PIN 1.25mm Socket (MOLEX 532610571)
Output & Power Supply	High Speed USB2.0
Controllable Parameters	Brightness, Contrast, Saturation, Hue, Gain, 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. Resolutions and Frame Rates

Formats	Resolutions	Frame Rates
MJPEG	3840*1080	60FPS
	2560*720	60FPS
	1280*480	60FPS
	640*240	60FPS
YUY2	3840*1080	2FPS
	2560*720	2FPS
	1280*480	10FPS
	640*240	30FPS

### 3. PIN Definitions

Pin No.	Signal Names	Descriptions
1	VCC	DC 5V Power
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	-15°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

### 5. Shape and Dimensions (Unit: mm)

