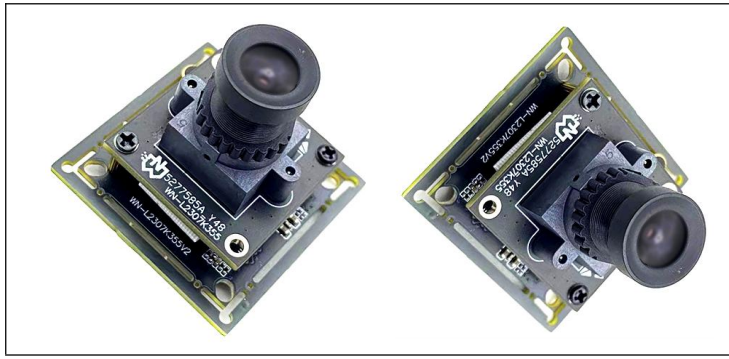


Starvis HDR I080P USB2.0 Camera Module Specifications



1. Main Parameters

Product Name	Starvis HDR I080P USB2.0 Camera Module
Product Code	WN-L2307K355
Module Size	38*38mm
Image Sensor	1/2.8-inch CMOS Sensor
Dynamic Range	69dB
Noise Reduction	Adaptive Digital Noise Reduction 2D - DNR, 3D - DNR
Max. Resolution	1920H*1080V
Pixel Size	2.9*2.9μm
Output Format	MJPEG, YUY2, H.264, H.265
Field of View	130°
Lens	FEL:2.8mm, F/NO:2.0, 4G+650IR (M12-0.35P)
Focus Mode	Fixed Focus/ Manual Focus
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	1920*1080 (I080P)	30FPS
	1280*720 (720P)	30FPS
	640*480 (VGA)	30FPS
YUY2	1920*1080 (I080P)	5FPS
	1280*720 (720P)	5FPS
	640*480 (VGA)	30FPS
H.264	1920*1080 (I080P)	30FPS
	1280*720 (720P)	30FPS
	640*480 (VGA)	30FPS
H.265	1920*1080 (I080P)	30FPS
	1280*720 (720P)	30FPS
	640*480 (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	210mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~ 85%

5. Shape and Dimensions (Unit: mm)

