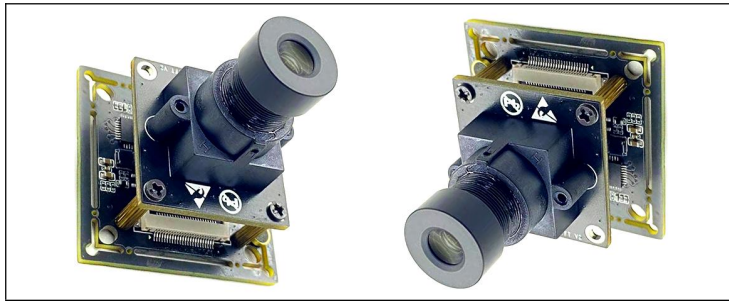


## Starvis HDR I080P USB2.0 Camera Module Specifications



### I. Main Parameters

Product Name	Starvis HDR I080P USB2.0 Camera Module
Product Code	WN-L2III.K310F
Module Size	38*38mm
Image Sensor	1/1.8-inch CMOS Sensor
Dynamic Range	100dB
Noise Reduction	Adaptive Digital Noise Reduction 2D - DNR, 3D - DNR
Max. Resolution	1920 H x 1080 V
Pixel Size	4*4μm
Output Format	MJPEG, YUY2, H.264, H.265
Field of View	72°
Lens	FEL:6mm, F/NO:1.2, 5G+650IR(MI2-0.35P)
Audio Input	No
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 1.0 Meter USB Cable

### 2. Supported Resolutions and Frame Rates

Formats	Resolutions	Frame Rates
MJPEG	1920x1080 (I080P)	60FPS
	1280x720 (720P)	60FPS
	640x480 (VGA)	60FPS
YUY2	1920x1080 (I080P)	5FPS
	1280x720 (720P)	5FPS
	640x480 (VGA)	30FPS
H.264	1920x1080 (I080P)	60FPS
	1280x720 (720P)	60FPS
	640x480 (VGA)	60FPS
H.265	1920x1080 (I080P)	60FPS
	1280x720 (720P)	60FPS
	640x480 (VGA)	60FPS

### 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)

