

720P USB2.0 Endoscope Camera Module Datasheet



1. Main Parameters

Product Name	1720P USB2.0 Endoscope Camera Module
Product Code	WN-N9734NK035
Module Size	Diameter: 3.9mm Length: 20mm
Image Sensor	1/9.0-inch OV9734 CMOS Sensor
Resolution	1280 H x 720 V
Pixel Size	1.4*1.4μm
Output Format	MJPEG, YUY2
Field of View	62°
LED	4PCS 0201 LEDs
Focus Mode	Fixed Focus
Shutter Mode	Electronic Rolling Shutter
Dynamic Range	Up to 68.4dB
Output & Power Supply	High Speed USB2.0
Connector	Three-in-one Connector (USB2.0, Micro USB2.0, Type-C)
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	1280x720	30FPS
	640x480	30FPS
YUY2	1280x720	10FPS
	640x480	25FPS

3. PIN Definitions

Pin No.	Signal Names	Descriptions
1	GND	Ground
2	VCC	DC 5V
3	LED	LED
4	DP	USB2.0 Data+
5	DM	USB2.0 Data-

4. Working Conditions

Working Voltage	DC 5V
Working Current	90mA
Working Temperature	-20°C ~ 60°C
Storage Temperature	-20°C ~ 85°C
Humidity	80 ~85%

5. Shape and Dimensions (Unit: mm)

