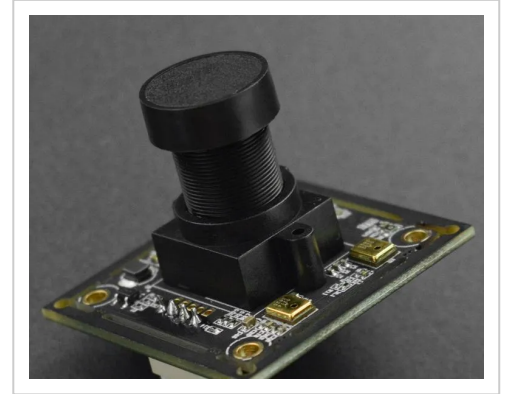


DFRobot 2 megapixel night camera, Sony IMX291, 1920x1080, microphone, plug-and-play, manual focus, USB



The DFRobot 2 megapixel USB night camera is based on the Sony IMX291 sensor and offers a resolution of up to 1920*1080. It enables HD video recording even in low light conditions, manual focus, interchangeable lenses and a high resolution

Product number FIT0730

Weight 0.042kg

Product description

DFRobot 2 Megapixel USB Night Camera with Microphone (Compatible with Raspberry Pi, LattePanda, Jetson Nano)

This is a driver-free 2 megapixel USB night camera with a resolution of up to 1920*1080, based on the Sony IMX291 sensor. The camera offers manual focus, interchangeable lenses, plug-and-play functionality and delivers HD photos and videos even in low light conditions. Compatible with operating systems such as Windows, iOS, Android and Linux, this camera module has a digital microphone that picks up sound within 5 metres when recording video. The USB port makes it easy to use with your Raspberry Pi and Jetson Nano motherboard, especially when placed in a protective housing.

Features at a glance

- Manual focus and interchangeable lenses: Allows flexible adjustment of image sharpness and perspective
- Plug-and-play: No driver installation required, simply connect and start immediately.
- High compatibility: Supports Windows, iOS, Android and Linux.

Technical specifications

- Light-sensitive element: CMOS
- Sensor: Sony IMX291
- Lens size: 1/2.8 inch
- Pixel size: 2.9µm x 2.9µm
- Maximum effective pixels: 1920(H) X 1080(V) 2 megapixels
- Image output format: MJPG/YUY2
- Viewing angle: 100°
- Supported resolutions and frame rates: MJPG 1920x1080 at 30fps, YUY2 1920x1080 at 5fps etc.
- Interface: USB 2.0 High Speed (4pin 2.0mm connector)
- Focus: adjustable, manual or fixed
- Minimum illumination: 0.0001 Lux
- Power supply: USB BUS POWER 4P-2.0mm socket
- Operating voltage: DC5V
- Operating current: 160mA (VGA)
- Operating temperature: -20°C to 70°C
- Optional lenses: Sizes 1/2.8 inch, 1.8mm, 2.1mm, 2.8mm, 3.6mm, 6mm, 8mm, 12mm, 16mm
- Supported operating systems: WinXP/Vista/Win7/Win8, Linux with UVC, MAC-OS X 10.4.8 or later, Android 4.0 or higher with UVC

Other data

- Driver-free protocol: USB Video Class (UVC)
- Supports AEC/AEB/AGC
- Adjustable parameters: Brightness, contrast, saturation, hue, sharpness, gamma, gain, white balance, background contrast, exposure

Scope of delivery

- 1x USB night camera (with microphone)

Product properties

Zolltarifnummer	85444290
Gross Weight (kg)	0.042
Country of Origin	China
Brand	DFRobot
Product ID	FIT0730
Manufacturer ID	FIT0730

More images

