

1MP 720P H.264 USB Camera module with IR LED board ELP-USB100W04H-KL139IR



Features:

- * 720P HD USB Camera module with IR LED Board
- * 1/4" OV9712 Color CMOS sensor for high quality image
- * High frame rate - support 720P 30fps H.264 / MJPEG video stream
- * With HD 1.39MM fisheye lens
- * with 10pcs 850nm IR LED board and IR CUT filter for no color distortion image day & night
- * With microphone for audio recording
- * H.264/MJPEG/YUY2 dual video format optional
- * High speed USB 2.0 plug&play port suitable for any PC with USB 2.0 interface
- * Low power consumption - ideal for portable equipment.
- * UVC compliant - support Windows, Linux, Android system with UVC
- * Support USB2.0 OTG Protocol - Can be external camera for mobile phone, Tablet and other device which support OTG

Specification:

Model	ELP-USB100W04H-KL139IR
Sensor	OV9712
Lens Size	1/4 inch
Pixel Size	3.0um X 3.0um
image area	3888 μm x 2430 μm
Max. Resolution	1280(H)X720(V)
Compression format	H.264/ MJPEG / YUV2 (YUYV)

Resolution & frame	H264: 640X360@ 30fps /640X480@ 30fps /800X600@ 30fps /1280X720@ 30fps MJPEG: 640X480@ 30fps /800X600@ 30fps /1280X720@ 30fps YUV: 320X240@ 30fps /640X360@ 30fps /640X480@ 30fps /1280X720@ 10 fps
USB Protocol	USB2.0 HS/FS USB1.1/USB1.0
S/N Ratio	39dB
Dynamic Range	69dB
Sensitivity	3.3V/lux-sec@550nm
Mini illumination	0. 1lux
Shutter Type	Electronic rolling shutter / Frame exposure
Connecting Port type	USB2.0 High Speed
Free Drive Protocol	USB Video Class (UVC)
Support OTG Protocol	USB2.0 OTG
AEC	Support
AEB	Support
AGC	Support
Adjustable parameters	Brightness, Contrast, Saturation, Hue, Sharpness, Gamma,White balance, Backlight Contrast, Exposure
Lens Parameter	Standard 1.39MM fisheye lens
Digital audio	High quality digital MIC, support single, dual channel
IR CUT Connector	Support 2P-1.25mm socket, with ir cut filter
LED board power connector	Support 2P-2.0mm socket, with 10pcs ir leds board
Power supply	USB BUS POWER 4P-2.0mm socket
Power supply	DC5V
Operating Voltage	120mA~180mA
Working current	-10~70℃
Working temperature	-20~85℃
Board size /Weight	38X38mm (Compatible 32X32mm) / about 30g
Cable	Standard 1M (optional 2M,3M,5M)
Operating system request	Win7/Win8/Win10/Win11 Linux 2.6 or above with UVC Android 4.0 or above with UVC