

AEG-8MP-U3

USB3.0 UVC Microscope Camera



Features

- Sony Image Sensor
- USB3.0 Color 8MP 3840x2160 @ 30fps 400nm
- ~ 700nm
- USB3.0, 5Gbit/s
- USB Video Class (UVC) Support Supports
- Windows, Mac, Linux
- Dimensions: 55mm(H) x 30mm(W) x 55mm(L)

Specifications

Name	USB3.0 Color 8MP UVC Digital Camera	
Image Sensor	Sony Image Sensor	
Sensor size	8.365mm(H)x6.615mm (V)	
Pixel size	1.62μm (H) ×1.62μm(V)	
Spectral response	400nm~700nm	
Scanning method	Progressive scanning, real 8MP image sensor no compression, no interpolation	
Resolution	3840x2160; 1920x1080; 1280x720	
Image format	MJPEG (Compression format)	YUV2 (Compression format)
Video recording	3840x2160 @ 30fps; 1920x1080 HDR @ 30fps; 1280x720 HDR @ 30fps;	3840x2160 @ 10fps; 1920x1080 HDR @ 25fps; 1280x720 HDR @ 25fps;
White balance	Auto/manual	
Data output	USB3.0, 5Gbit/s	
Working temperature	-25°C~75°C	
Storage temperature	-30°C~60°C	
Preservable parameters	Brightness, Contrast, Color saturation, Hue, Sharpness, Gamma, Gain, White Balance, Backlight Contrast, Exposure	
Support UVC	USB Video Class (UVC)	
One-click white balance	Support	
Exposure control	Auto/Manual	
Support systems	Win XP/Win7/Win10/win11 Linux / Android (Devices that comply with the UVC protocol) MAC OS X10.4.8 or later (Devices that comply with the UVC protocol)	
Range of uses:	Industrial vision, visual inspection, microscope, astronomical telescope, intelligent terminal equipment, face recognition, advertising machine, dish recognition, smart vending camera, electronic weighing object recognition, USB Raspberry Pi camera, code scanning camera, etc...	