

# 4K Ultra HD USB Camera

VHD-JX1700U



## Main Features

- Ultra 4K HD  
4K ultra HD support,max up to 4K@30fps video output, down compatible with 1080P,720P.
- USB 3.0  
Full functional USB, 3.0 connection,power supply,video and audio all in one and support 1 streaming USB +1 streaming HDMI(option),built-in MIC(LINE IN is optional).
- Lens  
Two optional lens, 120°/84°(Auto focus). EPTZ functionality, provides larger field of view.
- Built in Microphone  
Built-in two sensitive microphones, up to 6meters

omnidirection voice pickup, noise suppressing algorithm with excellent audio output.

- WDR  
Support WDR, can handle different lighting environment.
- Low Light  
Star-level ultra high S/N ratio CMOS image sensor can effectively reduce the noise in low illumination, along with the 2D and 3D noise reduction algorithm,can significantly reducing the noise. Even in an ultra low illumination , camera can still output a high performance image with signal noise ratio up to 55dB or more.
- Easy Installation  
Equiped with damping rotary shaft bracket, to meet the market almost 100% of the display, easy to install, stable and reliable.

## Camera

Sensor	1/2.5", CMOS, Effective Pixel: 8.29M
Scanning Mode	Progressive
Lens Mount	M12
Lens 1	Focus: f=3.5mm, FOV: 84°
Lens 2	Focus: f=2.8mm, FOV: 120°
Autofocus	Support(only 84° support)
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Camera bracket	bracket with damper
Digital Noise Reduction	2D&3D digital noise reduction
Backlight Compensation	Support

## USB Featured

Operate System	Windows® 7 (1080p and under only), Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux
Hardware platform	2.4 GHz Intel® Core 2 Duo processor or higher 2 GB RAM or more USB 2.0 port (USB 3.0 required for 4K)
Color System / Compression	H.264 / MJPEG/YUY2/NV12
Video Format	4k@30fps/25fps, 1080p@30fps/25fps, 720p@30fps/25fps, 960x540p@30fps/25fps, 640x360p@30fps/25fps etc
USB Video Communication Protocol	UVC 1.0~1.5
UVC PTZ	Support(EPTZ)

## Input/Output Interface

USB Interface	1xUSB 3.0: Type B, female
HDMI Interface	1xHDMI: Version 1.4(option)

## Generic Specification

Input Voltage	5V (USB power supply)
Current Consumption	600mA(MAX)
Power Switch	support
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	3.0W(MAX)
Size	194mm x 34mm x 42mm (without bracket)
Net Weight	0.34KG
MTBF	30000h

