

USB3.0 HD Video Conference Camera

VHD-V71U2



Main Features

- **Completely New Look**
Designed with worm gear transmission, completely new look, mini size.
- **Full Function USB Interface**
Full function USB interface, compatibility USB3.0 and USB2.0, support audio, support compressed video output, support UVC v1.5 protocol.
- **Built-in Micphone**
Built-in microphone for optional, pickup distance up to 5 meters, high sensitivity and low base noise.
- **1080P Full HD**
2.07 million effective pixels high quality HD CMOS sensor, can output maximum 1920 x 1080 high quality image.
- **Ultra high compatibility**
Compatible with USB 3.0 and USB 2.0, support UVC v1.5 protocol, and support almost all video conference software on the market.

- **72.5° Wide-angle Lens + 16x Digital Zoom**
Use 72.5° wide-angle high quality lens, support 12x optical zoom, and 16x digital zoom.
- **Low-light**
High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear.
- **Remote Control**
Support remote control via RS232 interface.
- **H.264 Slice/ H.264 SVC Support**
Support Slice and SVC encoding mode, adapts to video conference of advance USB application.
- **Dual stream**
Support two stream output (YUY2, MJPEG, H.264 each of both), reduce the host codec pressure

Camera

Video System	1080p, 720P, 540p, 480p, 360p, 240p etc
Sensor	1/2.7"; CMOS, Effective Pixel: 2.07m
Scanning Mode	Progressive
Lens	12x, f3.5mm ~ 42.3mm, f1.8 ~ f2.8
Digital Zoom	16x
Minimal Illumination	0.5 Lux @ (f1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Backlight Compensation	Yes
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	72.5° ~ 6.9°
Vertical Angle of View	44.8° ~ 3.9°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-25° ~ +25°
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	1.7° ~ 69.9°/s
H & V Flip	Yes
Image Freeze	Yes
Number of Preset	255
Preset Accuracy	0.1°
Built-in Microphone	Yes
Distance of Pick up	Yes

USB Featured

Operate System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System / Compression	YUV 4:2:2 / H.264 / MJPEG
Video Format	YUY2 (BULK): max to 1080P@60fps YUY2 (ISOC): max to 1080P@30fps H.264 AVC: max to 1080P@60fps H.264 SVC: max to 1080P@30fps MJPEG: max to 1080P@30fps
Audio on USB	Support
USB Video Communication Protocol	UVC 1.5
UVC PTZ	Yes

Input/Output Interface

USB Interface	1xUSB3.0: Type B female jack
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VSCA/Pelco-D/Pelco-P 1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VSCA network use only
Power Jack	JEITA type (DC IN 12V)

Generic Specification

Input Voltage	DC 12V
Current Consumption	1.0A (Max)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	12W (Max)
MTBF	>30000h
Net Weight	0.91Kg
Size	128.5mm x 118mm x 156.2mm

