

ABC_V20USB	
Main Features	<ul style="list-style-type: none"> ● Full-featured USB interface USB2.0 interface, support audio, support for encoding output, support UVC protocol. ● 1080P full HD High-quality HD CMOS sensor with 2.07 effective megapixels for high-quality images up to 1920x1080. ● Low illumination The ultra-high noise-to-noise ratio of the new CMOS image sensor can effectively reduce the image noise in low illumination conditions, and the 2D and 3D noise reduction algorithms can greatly reduce the image noise, even in the case of ultra-low illumination, keep the picture clean and clear. The image signal to noise ratio is as high as 55dB or more. ● Remote control The camera can be controlled using RS232. ● H.264 Slice/ H.264 SVC encoding support The output H.264 stream supports Slice and SVC encoding modes for high-end USB conferencing video applications. ● Double stream At the same time support two streams of stream output (YUY2, MJPEG, H.264 two), to reduce the host codec pressure.
Model	ABC_V20USB
Name	USB2.0 HD Video Conference Camera
Camera	
Video System	1080P, 720P, 540P, 480P, 360P, 240P etc.
Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	10x, f4.7mm ~ 46.3mm, F1.8 ~ F2.8
Digital Zoom	16x
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	58.5° ~ 6.5°
Vertical Angle of View	35.1° ~ 3.6°
Horizontal Rotation Range	±170°
Vertical Rotation	-30° ~ +90°
Pan Speed Range	2.7° ~ 47°/s
Tilt Speed Range	3.4° ~ 30°/s
H & V Flip	Support
Image Freeze	Support
Number of Preset	255
Preset Accuracy	0.1°
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	H.264 AVC: max to 1080P@30fps H.264 SVC: max to 1080P@30fps MJPEG: max to 1080P@30fps
Audio on USB	Support
USB Video Communication Protocol	UVC 1.1

UVC PTZ	Support
Input/Output Interface	
USB Interface	1xUSB2.0: Type B female jack
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA type (DC IN 12V)
Generic Specification	
Input Voltage	DC 12V
Current Consumption	0.5A (Max)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	5W (Max)
MTBF	>30000h
Size	141.3mm x 153mm x 163.6mm
Net Weight	1.153 KG
Picture	