

## V20C Specification

<b>Main Features</b>	<ul style="list-style-type: none"> <li>●<b>Full Function USB Interface</b> Full function USB interface,support audio, support compressed video output,</li> <li>●<b>1080P Full HD</b> 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image.</li> <li>●<b>Low-light</b> 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.</li> <li>●<b>Remote Control</b> Using RS232 all the parameters of the camera can be remote controlled by the high-speed communications.</li> <li>●<b>H.264 Slice/ H.264 SVC Support</b> Support Slice and SVC encoding mode, adapts to video conference of advance USB application.</li> <li>●<b>Dual stream</b> Support two stream output (YUY2, MJPEG, H.264 each of both), reduce the host codec pressure</li> <li>●<b>Dual power supply</b> Support two power supply (DC IN 5V and DC IN 12V)</li> </ul>
<b>Model</b>	V20C
<b>Name</b>	USB2.0 HD Video Conference Camera
<b>Camera</b>	
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,VAR
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 Range	-30° ~ +90°
Pan Speed Range	2.7° ~ 35.7°/s
Tilt Speed Range	2.7° ~ 31.5°/s
H & V Flip	Support
Image Freeze	Support
Number of Preset	255
Preset Accuracy	0.1°
<b>USB Features</b>	
Operate System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System /	YUY2 / H.264 / MJPEG
Video Format	H.264 AVC: max to 1080P@30fps H.264 SVC: max to 1080P@30fps MJPEG: max to 1080P@30fps
USB Video Communication Protocol	UVC 1.0
UVC PTZ	Support

<b>Input/Output Interface</b>	
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)/USB B type (DC IN 5V)
<b>Generic Specification</b>	
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	