


V20C Specification

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| Main Features | <ul style="list-style-type: none"> ●Full Function USB Interface Full function USB interface,support audio, support compressed video output, ●1080P Full HD 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image. ●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 Using RS232 all the parameters of the camera can be remote controlled by the high-speed communications. ●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 ●Dual power supply Support two power supply (DC IN 5V and DC IN 12V) |
| Model | V20C |
| 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,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° |
| USB Features | |
| 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 |

| 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)/USB B type (DC IN 5V) |
| 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 |  |