

| VHD-V71UV                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Main Features             | <p>●<b>Full Function USB Interface</b><br/>Full function USB interface, compatibility USB3.0 and USB2.0, support audio, support compressed video output, support UVC v1.1~1.5 protocol.</p> <p>●<b>1080P Full HD</b><br/>Apply Panasonic's 1/2.7 inch, 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image.</p> <p>●<b>Ultra-high Frame Rate</b><br/>The output frame rate up to 30fps in 1080P.</p> <p>●<b>LENS</b><br/>support 20x optical zoom, and 16x digital zoom.</p> <p>●<b>Low-light</b><br/>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.</p> <p>●<b>Remote Control</b><br/>Using RS232 all the parameters of the camera can be remote controlled by the high-speed communications.</p> <p>●<b>H.264 Slice/ H.264 SVC Support</b><br/>Support Slice and SVC encoding mode, adapts to video conference of advance USB application.</p> <p>●<b>Dual stream</b><br/>Support two stream output (YUY2, MJPEG, H.264 each of both), reduce the host codec pressure</p> <p>●<b>Dual power supply</b><br/>Support two power supply (DC IN 5V and DC IN 12V)</p> |
| Model                     | VHD-V71UV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Name                      | USB3.0 HD Video Conference Camera                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Camera                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Video System              | 1080P, 720P, 540P, 480P, 360P, 240P etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sensor                    | 1/2.7", CMOS, Effective Pixel: 2.07M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Scanning Mode             | Progressive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Lens                      | 20x, f5.5mm ~ 110mm, F1.6 ~ F3.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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  | 51.3° ~ 2.7°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Vertical Angle of View    | 29.7° ~ 1.5°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Horizontal Rotation Range | ±170°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Pan Speed Range           | 2.7° ~ 35.7°/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Tilt Speed Range          | 2.7° ~ 31.5°/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| H & V Flip                | Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Image Freeze              | Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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| Number of Preset                 | 255                                                                                                                                                               |
| Preset Accuracy                  | 0.1°                                                                                                                                                              |
| <b>USB Featured</b>              |                                                                                                                                                                   |
| 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@30fps<br>YUY2 (ISOC): max to 1080P@30fps<br>H.264 AVC: max to 1080P@30fps<br>H.264 SVC: max to 1080P@30fps<br>MJPEG: max to 1080P@30fps |
| Audio on USB                     | Support                                                                                                                                                           |
| USB Video Communication Protocol | UVC 1.1~1.5                                                                                                                                                       |
| UVC PTZ                          | Support                                                                                                                                                           |
| <b>Input/Output Interface</b>    |                                                                                                                                                                   |
| 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: VISCA/Pelco-D/Pelco-P                                                                                      |
| Network interface                | 1xRJ-45                                                                                                                                                           |
| Power Jack                       | JEITA type (DC IN 12V)/USB B type (DC IN 5V)                                                                                                                      |
| <b>Generic Specification</b>     |                                                                                                                                                                   |
| Input Voltage                    | DC 12V/DC 5V                                                                                                                                                      |
| 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                                                                                                                                                           |
| Size                             | 144mm x 144mm x 167.9mm                                                                                                                                           |
| Net Weight                       | 2KG                                                                                                                                                               |
| Picture                          |                                                                               |