

USB VIDEO BRIDGE

2024



Model: VB-SDI
SKU: 97-00007

Model: VB-HDMI
SKU: 97-00008

The USB Video Bridge capture device series includes 3G-SDI and HDMI models providing wide-ranging adaptability for complex workflows. The Audio Input allows for embedding of an external Analog Audio source.

Connecting directly to your computer's USB port, the Video Bridge is true plug-and-play, requiring no drivers in Windows, Linux, or Mac OS X.



SCALING



FRAME RATE CONVERSION



DE-INTERLACING



WINDOWS



OS X



LINUX

3G-SDI to USB VIDEO BRIDGE

Model: VB-SDI



Technical Specifications

Video Formats SDI:

- 1920x1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1920x1080psf 23.98, 24, 25, 29.97, 30
- 1920x1080i 50, 59.94, 60
- 1280x720p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 576i 50 PAL
- 480i 60 NTSC

Video Formats Out (YUV 422):

Frame rates 24, 25, 30, 50, 60

- 1920x1080
- 1680x1050
- 1440x900
- 1360x768
- 1280x1024
- 1280x800
- 1280x768
- 1280x720
- 1024x768
- 1024x576
- 960x540
- 856x480
- 800x600
- 768x576
- 720x576
- 720x480
- 640x480
- 640x360

Video Input:

- 3G-SDI, SMPTE 259/292/424, YUV422
- SD, HD, 3G Auto Detect

Audio Input:

- 2-Channel SDI Embedded Audio, 48kHz Sample Rate
- Analog Stereo

Interfaces:

- Full Size BNC
- USB-C UVC/UAC Compliant
- 3.5mm Audio

Size:

- 3.5"x2.3"x0.75" (90x58x19mm)

Weight:

- 0.35lb (0.17kg)

Power:

- 5V USB Powered; 4.5W max

In the Box:

- USB Capture Device
- 3ft USB Cable

Warranty:

- 2 years



HDMI to USB VIDEO BRIDGE

Model: VB-HDMI



Technical Specifications

Video Formats HDMI:

- 1920x1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1920x1080i 50, 59.94, 60
- 1280x720p 3.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 576p 50 PAL
- 480i/60 NTSC
- 576i 50 PAL
- 480i 60 NTSC

Video Formats Out (YUV 422):

Frame rates 24, 25, 30, 50, 60

- 1920x1080
- 1680x1050
- 1440x900
- 1360x768
- 1280x1024
- 1280x800
- 1280x768
- 1280x720
- 1024x768
- 1024x576
- 960x540
- 856x480
- 800x600
- 768x576
- 720x576
- 720x480
- 640x480
- 640x360

Video Input:

- Full Size HDMI
- Auto Detect

Audio Input:

- 2-Channel HDMI Embedded Audio, 48kHz Sample Rate
- Analog Stereo

Interfaces:

- Full Size HDMI
- USB-C UVC/UAC Compliant
- 3.5mm Audio

Size:

- 3.5"x2.3"x0.75" (90x58x19mm)

Weight:

- 0.35lb (0.17kg)

Power:

- 5V USB Powered; 4.5W max

In the Box:

- USB Capture Device
- 3ft USB Cable

Warranty:

- 2 years



Common Specifications



Operating Temp Range

- 0 to 40 C

Non-Operating Temp Range

- -40 to +75 C

Relative Humidity Operating

- Between 5% and 80% (noncondensing)

Relative Humidity Non-Operating

- 95% RH (non-condensing); gradient 30% per hour

Available Drivers

- Windows, Mac OS and Linux Standard UVC/UAC

Operating Altitude Range

- 0 to 3,048 meters (10,000 feet)

Non-Operating Altitude Range

- 0 to 15,240 meters (50,000 feet)

System Recommendations

- High quality video capture requires a dedicated USB3.x or USB-C bus

Warranty

- 2 Years

Compliance

- CE, FCC, ROHS, WEEE

In the box

- USB Capture Device
- USB Cable

