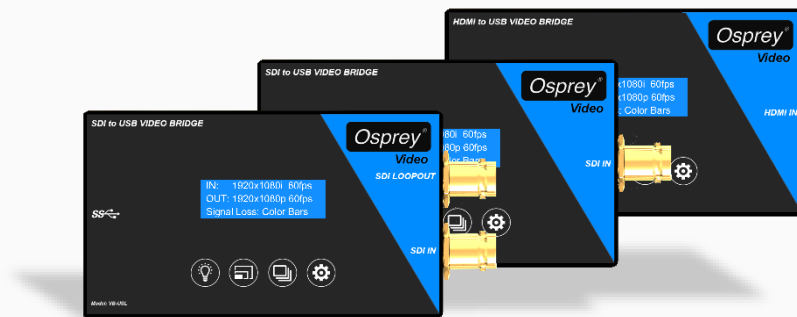


USB VIDEO BRIDGE

USB3.0 Powered 3G-SDI and HDMI Video Capture



The USB Video Bridge capture device series includes 3G-SDI and HDMI models providing wide-ranging adaptability for complex workflows. Connecting directly to your computer's USB 3.0 port, the Video Bridge is true plug-and-play, requiring no drivers in Windows, Linux, or Mac OS X.

Two control scenarios support varying user requirements. Software control mode passes all available rates and resolutions to the capture software. Manual mode allows the pre-selection of a frame rate and resolution, allowing the user to control the load delivered to the USB bus.

A "Follow Input" selection passes the input 1 to 1 to the host PC. For confidence monitoring, the input and output resolutions, and frame rates are displayed on the unit's LCD screen.



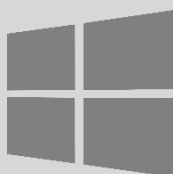
SCALING



FRAME RATE CONVERSION



DE-INTERLACING



WINDOWS



OS X

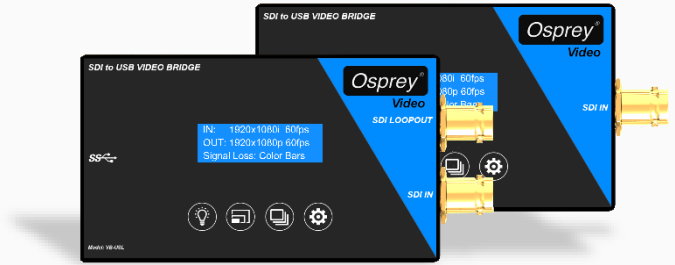


LINUX

3G-SDI to USB VIDEO BRIDGE

Models:

- VB-US 3G-SDI
- VB-USL 3G-SDI with LOOPOUT



Technical Specifications

Video Formats SDI:

- 1920x1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1920x1080i 50, 59.94, 60
- 1280x720p 25, 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

Interfaces:

- Full Size BNC
- Micro B USB 3.0 UVC/UAC Compliant

Size:

- 4"x2.4"x0.65" (103x61x17mm)

Weight:

- 0.25lb (0.17kg)

Power:

- 5V USB Powered; 4.5W max

In the Box:

- USB Capture Device
- 3ft USB Cable

Warranty:

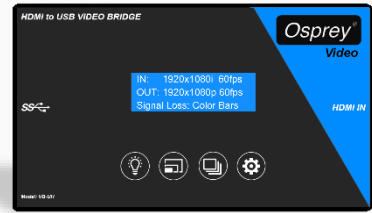
- 2 years



HDMI to USB VIDEO BRIDGE

Model:

VB-UH HDMI 1080P60



Technical Specifications

Video Formats HDMI:

- 1920x1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- 1920x1080i 50, 59.94, 60
- 1280x720p 25, 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:

- HDMI 1.3a RGB 4:4:4

Audio Input:

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

Interfaces:

- Full Size HDMI
- Micro B USB3.0 UVC/UAC Compliant

Size:

- 4"x2.4"x0.65" (103x61x17mm)

Weight:

- 0.25lb (0.17kg)

Power:

- 5V USB Powered; 4.5W max

In the Box:

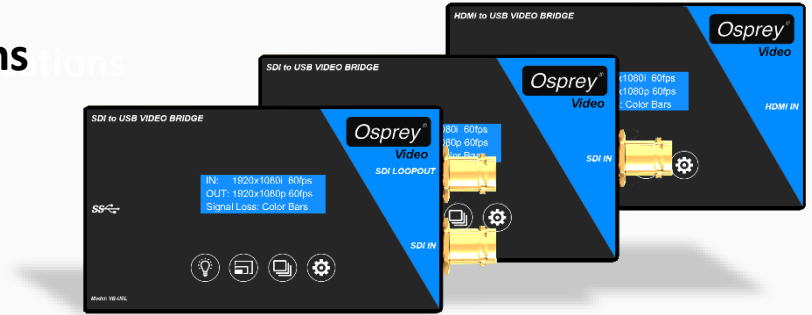
- USB Capture Device
- 3ft USB Cable

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 USB3.0 bus

Warranty

- 2 Years

Compliance

- CE, FCC, ROHS, WEEE

In the box

- USB Capture Device
- USB 3.0 Cable
- Quick Start Guide

