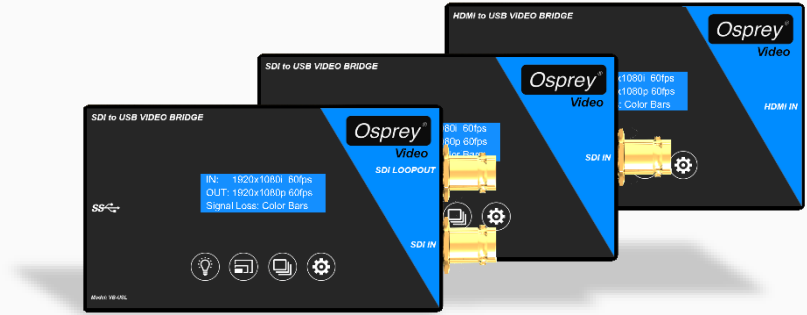


# USB VIDEO BRIDGE

## 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.



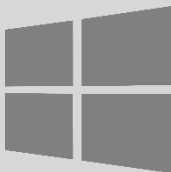
SCALING



FRAME RATE CONVERSION



DE-INTERLACING



WINDOWS



OS X

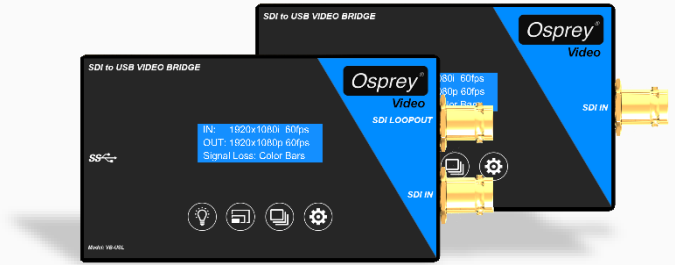


LINUX

# 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

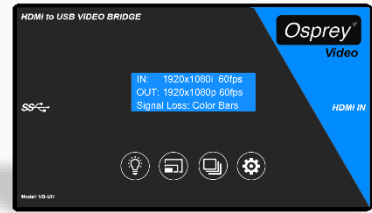
### Warranty:

- 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
- 720x480P60
- 720x576P50
- 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

