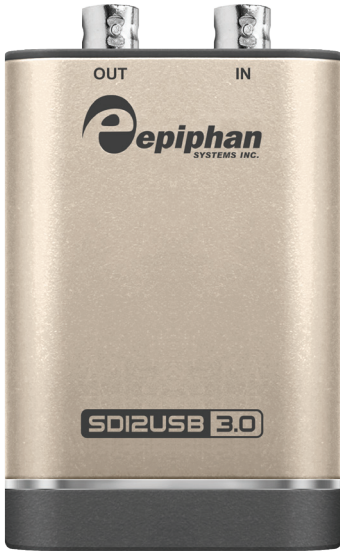# COMPACT EXTERNAL FRAME GRABBER

SDI2USB 3.0

Key Features

- 3G-SDI, HD-SDI and SD-SDI video capture with audio support
- Resolutions up to 1920×1200
- Captures both video and audio
- Minimum rate of 60 fps at all resolutions over USB 3.0
- Real time hardware color space conversion
- Interfaces with DirectShow-compatible third party applications on Windows, QuickTime on Mac OS X and V4L (Video4Linux) on Linux

SDI2USB 3.0™ captures 3G-SDI video sources using any laptop, notebook, or desktop computer. It has a minimum of 30 frames per second in 24-bit color and 60 frames per second in 12-bit color.

SDI2USB 3.0 creates uncompressed video and audio for third party recording, streaming, conferencing, and video analysis software running on Windows, MAC OS, or Linux platforms.

Technical Specifications

Interface	USB 3.0 and 2.0
Dimensions	3.54"×2.6"×0.91", 90×66×23 mm
Connectors	Serial Interface BNC, USB standard B type
Input	3G-SDI, HD-SDI, SD-SDI
Video Sampling	Multiple RGB and YUV (YCbCr) color formats including RGB24, YUY2, and I420
Supported Video Modes	Up to 1920×1200. Custom resolutions.

Update Rate (Using YUV 4:2:0 color space)

(Frame rate varies depending on content.)

Resolution	Frames per second
640×480	60
800×600	60
1024×768	60
1280×1024	60
1600×1200	60
1920×1080	60
1920×1200	60

OS Support (32-bit and 64-bit)	Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X 10.4 and up (including PowerPC), Linux