

Quick Port™ 3G SDI/USB 3

Real time 3G SDI to USB converter for importing SD and HD content from 3G SDI cameras and other video sources to USB. Plug n Play -- no driver installation required. Works like a webcam. Supports 1080p resolutions up to 60 fps. Powered via the USB 3.0 port. Ships with a USB 3.0 cable.

Features

- 3G SDI capture to USB 3.0
- Supports 1080p, 1080i, 720p, 480p, and 576p video formats
- Supports NTSC and PAL
- Supports embedded audio
- Digital Fluid technology – Internal frame buffers maximize frame rate with any PC
- Hardware-based color space and sampling conversion
- Automatic scaling and frame rate conversion
- Customizable video processing functions
- Supports multiple devices on the same PC
- Powered from USB 3.0 port
- Compatible with Windows®, OS X®, Linux®, and Android™
- Compatible with UVC, DirectShow, VLC®, V4L2, QuickTime®, LabVIEW®, & AVFoundation
- Field upgradeable firmware

Applications

- Streaming video to web sites like Ustream®, YouTube®, Facebook®, Livestream®, vMix®, etc.
- Video conferencing from a camera to a laptop
- Recording video for archives or later playback



Overview

The Quick Port 3G SDI to USB 3.0 Converter is a very easy to use and reliable tool to capture uncompressed SDI video with embedded audio for your PC for recording, editing, videoconferencing and streaming applications. No driver installation is necessary and it will work on all motherboards and USB 3.0 chipsets. It features a single 3G SDI input and USB 3.0 output, and supports SD and HDTV video formats up to 1080p60, and most computer graphic formats.

Compact in size and powered directly from a USB 3.0 port, the converter is a practical and easy-to-use USB 3.0 capture solution. It is compatible with Windows®, Mac OS X®, Linux®, and Android™ operating systems, and is UVC-compliant, so it will work with all DirectShow® compatible software.

The converter supports 1080p resolutions up to 60 fps. All SD and HD resolution signals are converted to 4:2:2 8-bit color space over USB 3.0. The embedded audio in your SDI signal is extracted and output as two-channel LPCM. The converter ships with a USB 3.0 cable.



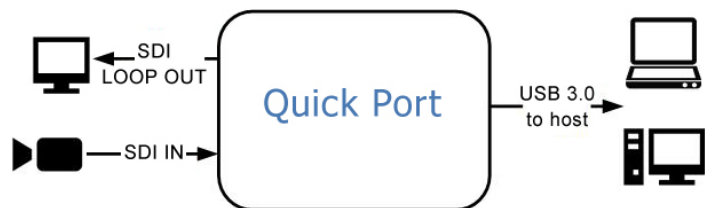
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Application Example



Specifications

Input

Connector:	1 x BNC (3GSDI input) 1 x BNC (3GSDI active loop out)
Video Resolutions:	1080p59.94/60/50 (SMPTE 425M Level A/B) 1080i (SMPTE 274M) 720p (SMPTE 296M) SD (SMPTE 259C)
Jitter (alignment):	HD/SD: <0.2 UI 3 Gb/s: <0.4 UI
Cable Length:	150m (492 ft.) at 1.485 Gb/s 120m (393 ft.) at 2.970 Gb/s
Frame Rates:	60, 50, 30, 29.97, 25, 24, 23.98 Hz
Color Space:	4:2:2
Sampling Rate:	148.5/148.35 MHz
Embedded Audio:	Ch 1&2 48 kHz LPCM

Output

Connector:	USB 3.0
Color Space:	YCbCr (YUY2) 4:2:2 8-bit
Video Scaler:	Automatic hardware based
Color Space Conversion:	Automatic hardware based
Sampling Conversion:	Automatic hardware based
Frame Rate Conversion:	Automatic hardware based
Audio:	2-channel LPCM audio 48 kHz from SDI

Ordering Information

Quick Port 3G SDI/USB 3

Specifications – Continued

Compatibility

Operating Systems:	NO driver installation necessary Windows® 7 and above (32/64-bit) OSX 10.10 and above Linux® (kernel v2.6.38) and above Android™ OSX 10.10 and above
Host Requirements:	USB 3.0 port
Motherboard:	Compatible with all motherboards: Intel®, Renesas®, ASMedia™, and Fresco Logic™
Cameras Supported:	Cameras and camcorders with 3G SDI output
Software Compatibility:	UVC-compliant Runs with all software compatible to DirectShow, V4L2, QuickTime, and AVFoundation

Physical & Power

Size (W x D x H):	3.2 x 2.9 x 0.75 inches (81 x 74 x 19 mm)
Weight:	4.9 ounces (139 grams)
Operating Temperature:	0° to 45° C (32° to 113° F)
Storage Temperature:	-40° to 105° C (-40° to 221° F)
Relative Humidity:	0% to 90% non-condensing
USB 3 Power:	5V, 525 mA
Conformities:	UL, FCC, CE, RoHS