

Quick Port™ HDMI-DVI-D/USB 3
Real time HDMI/DVI-D to USB
converter for importing unrestricted (No
HDCP) HD content from HDMI cameras
and other HDMI or DVI-D 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

- HDMI/DVI-D capture to USB 3.0
- Supports 1080p, 1080i, 720p, 480p, and 576p video formats
- Supports 1920x1200, 1280x1024, 1280x960, 1024x768, 800x600, 640x480 graphic formats up to 1080p at 60 fps
- Supports embedded HDMI 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
- Image controls: Brightness, contrast, saturation and hue settings.
- 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
- This model cannot decode analog video

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 HDMI-DVI-D to USB 3.0 Converter is a very easy to use and reliable tool to capture uncompressed video with audio from your HDMI/DVI-D output 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 HDMI 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 HDMI 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 DVI-D (with HDMI adapter included)
Video Resolutions:	1080p, 720p, 1080i, 480p, 576p, 1920x1200, 1280x1024, 1280x960, 1024x768, 800x600, 640x480
Frame Rates:	60, 59.94, 50, 30, 29.97, 25, 24, 23.98 Hz for all resolutions
Color Space:	RGB, YCbCr, 4:4:4, and 4:2:2
Sampling Rate:	225 MHz
Embedded Audio:	Ch 1&2 48 kHz LPCM
HDCP Copy Protection:	This device will not decrypt BD/DVD movies, satellite/cable receivers or other encrypted sources

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 from HDMI

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 an HDMI 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:	4.24 ounces (120 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

Ordering Information

Quick Port 4K HDMI-DVI-D/USB 3