

# INOGENI CONVERTERS



## OVERVIEW

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The **INOGENI 4K HDMI to USB 3.0 Converter** is the most easy and reliable tool to capture uncompressed video with audio from your camera's HDMI 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 Ultra HD 4K (4096x2160), 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 OSX, Linux, and Android operating systems, and is UVC-compliant, so it will work with all DirectShow compatible software

The converter supports Ultra HD resolutions up to 30 fps, and 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, while all UHD resolution signals are converted to 4:2:0. The embedded audio in your HDMI signals are extracted and output as two-channel LPCM. A USB 3.0 cable comes included.

- HDMI capture to USB 3.0
- Supports 4K, 1080p, 1080i, 720p, 480p, and 576p video formats
- Supports 1920x1200, 1280x1024, 1280x960, 1024x768, 800x600, 640x480 graphic formats
- Up to Ultra HD 4K (3840/4096x2160) at 30 fps, and 1080p at 60 fps
- HDMI audio support
- 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 (UHD upscaling not supported)
- 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, Max OSX, Linux, and Android

**INOGENI Inc. [www.inogeni.com](http://www.inogeni.com)**

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**4K2USB3**

<b>Input</b>		<b>Output</b>		<b>Compatibility</b>	
<b>Connector</b>	1 x HDMI 1.4a	<b>Connector</b>	1 x USB 3.0	<b>Operating System</b>	NO driver installation necessary. Windows 7/8/8.1 (32/64-bit) OSX (10.10 and above) Linux (kernel v2.6.38 and above) Android
<b>Video Resolutions</b>	4K UHD (3840/4096x2160), 1440p, 1080p, 720p, 1080i, 480p, 576p, 1920x1200, 1280x1024, 1280x960, 1024x768, 800x600, 640x480	<b>Color Space</b>	YCbCr (YUY2) 4:2:2 8-bit NV12 4:2:0 8-bit (UHD) YV12 4:2:0 8-bit (UHD) I420 4:2:0 8-bit (UHD)	<b>Host Requirements</b>	USB 3.0 port
<b>Frame Rates</b>	60, 50, 30, 29.97, 25, 24, 23.98 Hz for all resolutions, except 4K = 30Hz max.	<b>Video Scaler</b>	Automatic hardware based	<b>Motherboard</b>	Compatible with all motherboards Intel, Renesas, ASMedia, and Fresco Logic
<b>Color Space</b>	RGB, YCbCr, 4:4:4, and 4:2:2 (4K=RGB)	<b>Color Space Conversion</b>	Automatic hardware based	<b>Cameras Supported</b>	Cameras and camcorders with an HDMI output
<b>Sampling Rate</b>	297 MHz	<b>Sampling Conversion</b>	Automatic hardware based	<b>Software Compatibility</b>	UVC-compliant Runs with all software compatible to DirectShow, V4L2, QuickTime and AVFoundation..
<b>Embedded Audio</b>	Ch 1&2 48kHz LPCM	<b>Frame Rate Conversion</b>	Automatic hardware based		
<b>HDCP Copy Protection - YES</b>	Inogeni will not decrypt BD/DVD movies,satellite/cable receivers or other encrypted sources.	<b>Audio</b>	2-channel LPCM audio from HDMI		

<b>P/N 4K2USB3</b>		
<b>Dimensions &amp; Weight</b>	4K = 3.2" x 2.9" x 0.75" 120g.	Conformity: DVIUSB: FCC, CE, RoHS, ISO 9001
<b>USB 3Power</b>	5V, 580 mA	
<b>UPC Code</b>	040232164873	
<b>Origin</b>	Canada	
<b>Harmonized Code</b>	8522.90.00	