

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

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4K2USB3

Input		Output		Compatibility	
Connector	1 x HDMI 1.4a	Connector	1 x USB 3.0	Operating System	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
Video Resolutions	4K UHD (3840/4096x2160), 1440p, 1080p, 720p, 1080i, 480p, 576p, 1920x1200, 1280x1024, 1280x960, 1024x768, 800x600, 640x480	Color Space	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)	Host Requirements	USB 3.0 port
Frame Rates	60, 50, 30, 29.97, 25, 24, 23.98 Hz for all resolutions, except 4K = 30Hz max.	Video Scaler	Automatic hardware based	Motherboard	Compatible with all motherboards Intel, Renesas, ASMedia, and Fresco Logic
Color Space	RGB, YCbCr, 4:4:4, and 4:2:2 (4K=RGB)	Color Space Conversion	Automatic hardware based	Cameras Supported	Cameras and camcorders with an HDMI output
Sampling Rate	297 MHz	Sampling Conversion	Automatic hardware based	Software Compatibility	UVC-compliant Runs with all software compatible to DirectShow, V4L2, QuickTime and AVFoundation..
Embedded Audio	Ch 1&2 48kHz LPCM	Frame Rate Conversion	Automatic hardware based		
HDCP Copy Protection - YES	Inogeni will not decrypt BD/DVD movies,satellite/cable receivers or other encrypted sources.	Audio	2-channel LPCM audio from HDMI		

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