

HD2USB3

HDMI TO USB 3.0 VIDEO CONVERTER

DEVICE CONNECTORS



OVERVIEW

INOGENI's HD2USB3 HDMI to USB 3.0 video converter is the most reliable and convenient PC input to capture uncompressed video with audio from your camera's HDMI output for recording, editing, videoconferencing and streaming applications.

The HD2USB3 is a 4K upgradable 1080p60 HDMI to USB 3.0 converter.

- Professional HDMI video converter into a single USB 3.0 interface
- Highly stable signal
- HDMI audio support
- Cost-effective professional camera converter solution that is reliable as well as simple to install and connect (no driver required)
- Designed and manufactured in Canada
- TAA-compliant

WHAT IS IN THE BOX

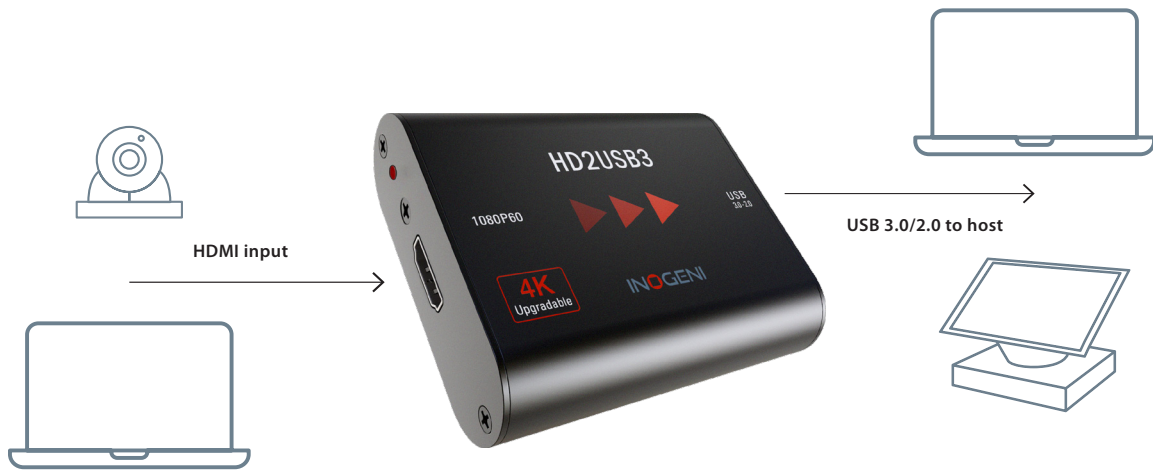
- 1x 3 ft. USB 3.0 cable (Type-A to Type-B)

HOW DOES IT WORK?

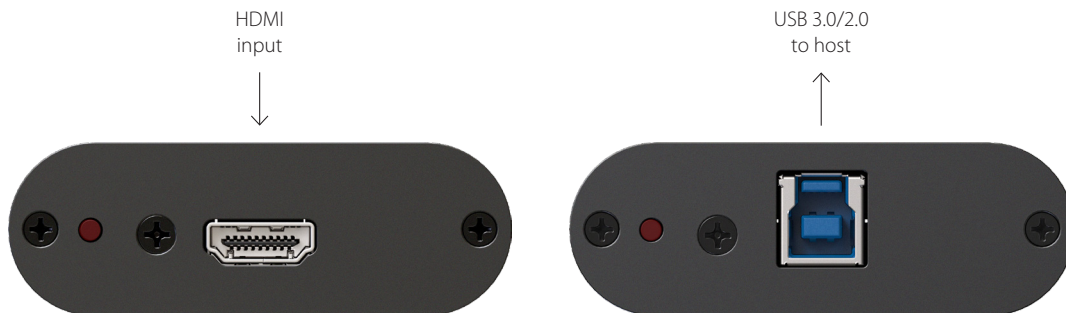
The HD2USB3 HDMI to USB 3.0 video converter features a single HDMI input and USB 3.0 output, and supports SD and HDTV video formats, up to 1200p60, as well as most computer graphic formats. This converter works with any virtual meeting room software that enables USB cameras and microphones, such as Microsoft Teams, Zoom, Google Meet or BlueJeans.

Compact 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 also UVC-compliant, so it will work with all DirectShow compatible software. The HD2USB3 professional video converter supports 1200p resolution up to 60 fps.

FEATURED CONNECTORS



DEVICE INTERFACES



TECHNICAL SPECIFICATIONS

VIDEO INPUT

Connector & video resolutions	1x HDMI 1.4a 1080p, 720p, 1080i, 480p, 576p, 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	297 MHz
Embedded audio	Ch 1&2 48kHz LPCM

VIDEO OUTPUT

Color space	RGB, YCbCr, 4:4:4, and 4:2:2
USB - Connector & video resolutions	1x USB 3.0 Type-B
USB - CODECs	YUY2 4:2:2 8-bit for USB 3.0 MJPEG for USB 2.0*

VIDEO OUTPUT - CONT.

Notes for MJPEG for USB 2.0	* Devices having serial numbers >= HD2035XXX will support MJPEG over USB 2.0. Otherwise, it will be uncompressed video.
USB - Video scaler	Automatic hardware based
USB - Color space conversion	Automatic hardware based
USB - Sampling conversion	Automatic hardware based
USB - Frame rate conversion	Automatic hardware based

TECHNICAL SPECIFICATIONS - CONT.

AUDIO	
Analog audio I/O	2-channel LPCM audio from HDMI
Audio input connector	CH1&2 48kHz LPCM feed from HDMI

COMPATIBILITY	
Barco ClickShare Conference compatible	Compatible with Barco ClickShare Conference (CX-20, CX-30 & CX-50)
Operating system	NO driver installation necessary! Windows 7 and above (32/64-bit) macOS 10.10 and above Linux (kernel v2638)
Minimum host requirements	USB 2.0 port – We recommend USB3.0 for uncompressed video 4GB RAM Intel Core i5 or equivalent Graphic card with dedicated memory
Motherboards	Compatible with all motherboards: Intel, Renesas, ASMedia, and Fresco Logic
Supported cameras	Cameras and camcorders with an HDMI output
Software compatibility	UVC-compliant, it runs with all software compatible with DirectShow, AVFoundation and V4L2. Compatible with: Teams, Zoom, Webex, Google Meet, etc.

PHYSICAL DETAILS	
Dimensions (W x L x H)	8.1 cm x 7.4 cm x 1.9 cm 3.2" x 2.9" x 0.75"
Power supply	Powered by USB (5V, 580mA)
Weight	120 g (0.26 lb)
Package content	1x 3 ft. USB 3.0 cable (Type-A to Type-B)
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

INFORMATION	
UPC code	040232521003
Origin	Canada
Warranty	2 years

CERTIFICATIONS	
HDCP-compliant	The INOGENI device does not decrypt BD/DVD movies, satellite/cable receivers or other encrypted sources.
Certifications	FCC, CE, RoHS, IEC62368, SoV, RCM, BSMI RoHS, BSMI, CB, KC, MSIP
TAA-compliant	Yes