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
- Perfectly compatible with Logitech UC cameras and CODECs
  - Logitech-tested compatible cameras: Rally and Rally Bar series, MeetUp, MeetUp 2, Scribe, and consumer cameras
  - Logitech UC CODECs: Rally Bar and Rally Bar series (Appliance Mode), Roommate, for MTR and Zoom Rooms
- Compatible with Zoom Rooms HDMI camera and Zoom Certified
- 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'S IN THE BOX

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

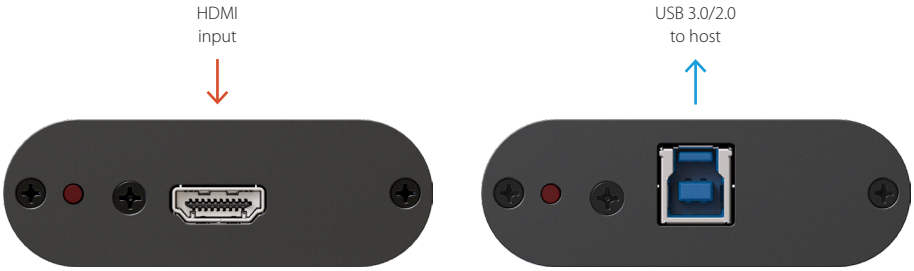
HOW DOES IT WORK?

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, 1280×1024, 1280×960, 1024×768, 800×600, 640×480
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

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

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*
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.

COMPATIBILITY	
Barco ClickShare Conference compatibility	Compatible with Barco ClickShare Conference (CX-20, CX-30 & CX-50)
Zooms Rooms compatibility	Compatible with Zoom Rooms and Zoom Certified
Logitech UC cameras and CODECs compatibility	Logitech-tested compatible cameras: Rally and Rally Bar series, MeetUp, MeetUp 2, Scribe, and consumer cameras Logitech UC CODECs: Rally Bar and Rally Bar series (Appliance Mode), Roommate, for MTR and Zoom Rooms
Operating system	NO driver installation necessary! Windows 7 and above (32/64-bit) macOS 10.10 and above Linux (kernel v2638)
Consumed USB tiers	1 tier The device is a simple USB composite device which include video, audio, and control interfaces. It will consume 1 tier.
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)	7.0 cm x 8.3 cm x 2.3 cm 2.76" x 3.27" x 0.90"
Power supply	Powered by USB (5V, 580mA)
Weight	110 g (0.24 lb)
Package content	1x 1 m/3 ft. USB 3.0 cable (Type-A to Type-B)
Operating temperature	0°C to 45°C / 32°F to 113°F
Storage temperature	-40°C to 105°C / -40°F to 221°F
Relative humidity	0% to 90% non-condensing

INFORMATION	
UPC code	040232521003
Origin	Canada
Warranty	5 years: Products purchased by the end-user after August 1, 2024 2 years: Products purchased by the end-user before to August 1, 2024

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, CB, KC, MSIP
TAA-compliant	Yes

For technical support, contact us at support@inogeni.com

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