

4K2USB3

4K HDMI TO USB 3.0 CAPTURE CARD
Compatible with Cisco Webex BYOM applications

DEVICE CONNECTORS



- Compatible with Barco ClickShare Conference (CX-20, CX-30 & CX-50)
- 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



OVERVIEW

INOGENI's 4K2USB3 HDMI 4K to USB 3.0 capture card (camera converter) is compact and powered directly from a USB 3.0 port, making it a practical and easy-to-use USB 3.0 capture solution.

- Highly stable signal
- Advanced video processing for:
 - USB 3.0 up to 4K
 - USB 2.0 1080p MJPEG
- 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

WHAT'S IN THE BOX

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

HOW DOES IT WORK?

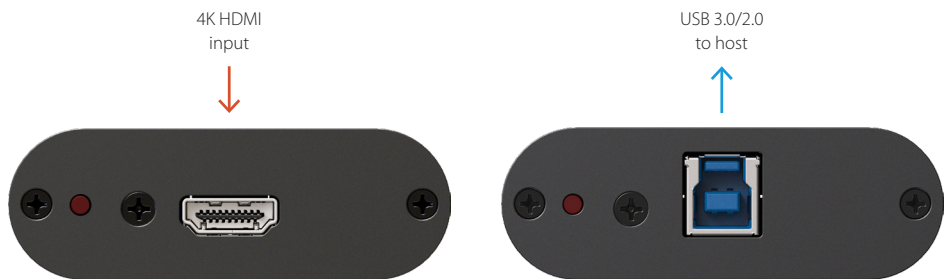
The 4K2USB3 HDMI 4K to USB 3.0 professional camera converter works with any virtual meeting room software that enables USB cameras and microphones, such as Microsoft Teams, Zoom, Google Meet or BlueJeans.

Requiring no drivers and compatible with Windows, macOS and Linux laptops, the camera converter resolves all interoperability issues.

FEATURED CONNECTORS



DEVICE INTERFACES



TECHNICAL SPECIFICATIONS

VIDEO INPUT	
Connector & video resolutions	1x HDMI 1.4a 4K UHD (3840/4096x2160), 1440p, 1080p, 720p, 1080i, 480p, 576p, 1280x1024, 1280x960, 1280x800, 1024x768, 800x600, 640x480
Frame rates	60, 59.94, 50, 30, 29.97, 25, 24, 23.98 Hz for all resolutions, except 4K = 30 Hz max
Color space	RGB, YCbCr, 4:4:4, and 4:2:2 (4K=RGB)
Sampling rate	297 MHz
Embedded audio	Ch 1&2 48kHz LPCM

VIDEO OUTPUT	
Color space	RGB, YCbCr 4:4:4 and 4:2:2 (4K=RGB)
USB - Connector & video resolutions	1x USB 3.0 Type-B
USB - CODECs	YUY2 4:2:2 and NV12/I420/YV12 4:2:0 for USB 3.0 MJPEG for USB 2.0*
Notes for MJPEG for USB 2.0	* Devices having serial numbers >= 4K2037XXX 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	
Cisco Webex compatibility 	Easily programmed macros in your Webex Room device. - Cisco Webex macros and guides → USB mode landing page Native Webex implementation available in Q2 CY2022. Intuitive interface on Webex Touch 10 or Webex Navigator. The 4KX-PLUS is compatible with Webex devices for multiple displays. The 4K2USB3 is compatible with Webex devices for one display. Macro and native - Webex Room Kit - Webex Room Kit Plus - Webex Room Kit Pro - Webex Room 55 - Webex Room 70 Macro only - Cisco MX700 - Cisco MX800 - Cisco SX80
Barco ClickShare Conference compatibility	Compatible with Barco ClickShare Conference (CX-20, CX-30 & CX-50)
Zoom 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.

COMPATIBILITY - CONT.	
Minimum host requirements	USB 2.0 port – We recommend USB 3.0 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.
AUDIO	
Analog audio I/O	2-channel LPCM audio from HDMI
Audio input connector	CH1&2 48kHz LPCM feed from HDMI
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 / 716mA)
Weight	120g (0.26 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

TECHNICAL SPECIFICATIONS - CONT.

INFORMATION	
UPC code	040232164873
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, VCCI, BSMI RoHS, BSMI, CB, KC, MSIP
TAA-compliant	Yes

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

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