

4K2USB3

4K HDMI TO USB 3.0 CAPTURE CARD

Compatible with Cisco Webex BYOM applications

DEVICE CONNECTORS



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
- 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?

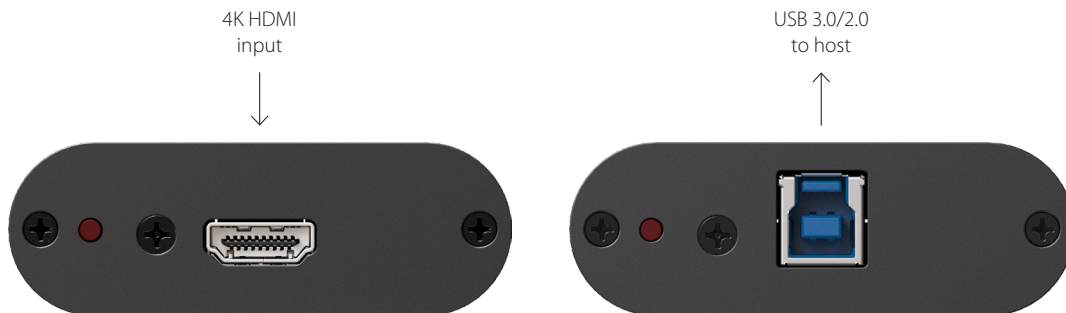
The 4K2USB3 HDMI 4K to USB 3.0 professional camera converter works with any virtual meeting room software that enables USB cameras and microphones, such as Microsoft Teams, Zoom, Google Meet or BlueJeans.

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
HDMI-CEC	Passthrough HDMI connections

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.

AUDIO

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

COMPATIBILITY

Cisco Webex compatible



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 compatible	Compatible with Barco ClickShare Conference (CX-20, CX-30 & CX-50)
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Operating system	NO driver installation necessary! Windows 7 and above (32/64-bit) macOS 10.10 and above Linux (kernel v2638)
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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
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COMPATIBILITY - CONT.

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 / 716mA)
Weight	120 g (0.26 lb)
Package content	1 x 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	040232164873
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, VCCI, BSMI RoHS, BSMI, CB, KC, MSIP
TAA-compliant	Yes