

4KX-PLUS

HDMI TO USB 3.0 CAPTURE DEVICE
(+ HDMI LOOP, ANALOG AUDIO & EXTERNAL POWER)

Compatible with Cisco Webex BYOM applications

DEVICE CONNECTORS



OVERVIEW

INOGENI's 4KX-PLUS Ultra HD to USB 3.0 camera converter with an HDMI loop and external power is the most cost-effective and high-performance professional camera converter for your BYOM applications. It connects your HDMI cameras, video sources and CODECS to your laptop.

- Perfectly compatible with Cisco Webex BYOM applications
- Direct integration with Cisco room equipment (camera, audio and screen)
- Solves interoperability issues
- Optimizes your assets and avoids additional license fees for Cloud Video Interop (CVI) service and user management
- Designed and manufactured in Canada
- TAA-compliant

WHAT IS IN THE BOX

- 1x 3 ft. USB 3.0 cable (Type-A to Type-B)
- 1x 6 ft. USB 2.0 cable (Type-A to mini Type-B) (for power)
- 1x power supply 100-240 VAC 50/60Hz to 5V/1A DC USB-A
 - International adapters included in the box (AUS, EUR, UK and US)

HOW DOES IT WORK?

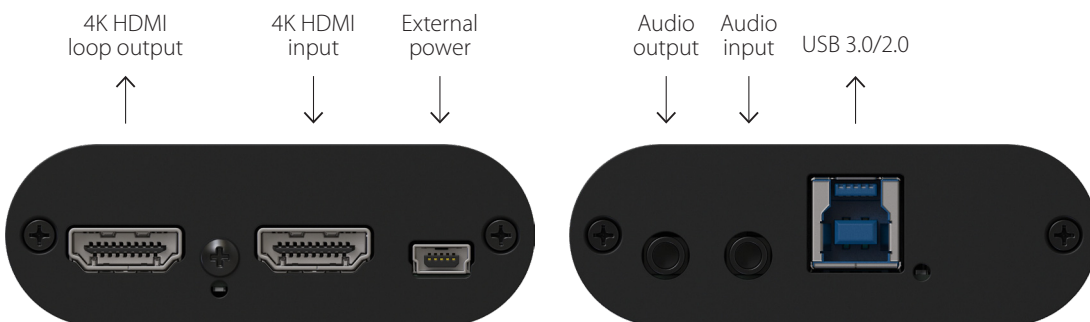
The 4KX-PLUS Ultra HD to USB 3.0 camera converter works with any virtual meeting room software that enables USB cameras and microphones, such as Microsoft Teams, Zoom, Google Meet or BlueJeans.

Requiring no drivers and compatible with Windows, macOS and Linux laptops, the 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 = 30Hz max.
Color space	RGB, YCbCr, 4:4:4, and 4:2:2 (4K=RGB)
Sampling rate	297 MHz
Emdedded audio	Ch 1&2 48kHz LPCM
HDMI-CEC	Passthrough HDMI connections

VIDEO OUTPUT

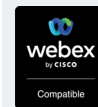
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Frame rates	60, 59.94, 50, 30, 29.97, 25, 24, 23.98 Hz for all resolutions, except 4K = 30Hz max.
Color space	RGB, YCbCr, 4:4:4, and 4:2:2 (4K=RGB)
Sampling rate	297 MHz
Emdedded audio	Ch 1&2 48kHz LPCM
USB - Connector & video resolutions	1 x USB type B (USB 3.0/2.0) 4K UHD (3840/4096x2160), 1440p, 1080p, 720p, 1080i, 480p, 576p, 1920x1200, 1280x1024, 1280x960, 1280x800, 1024x768, 800x600, 640x480
USB - CODECs	YUY2 4:2:2 and NV12/I420/YV12 4:2:0 for USB 3.0 MJPEG for USB 2.0
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

AUDIO

Analog audio I/O	2-channel LPCM audio from HDMI and/or from audio jack
Audio input connector	1 x 3.5mm, MIC or line-level, unbalanced
Audio output connector	1 x 3.5mm, line-level, unba- lanced CH1&2 48kHz LPCM feed from HDMI
Mixing functionality	HDMI audio and analog audio inputs are mixed over the USB input interface. USB audio output and HDMI audio input are mixed over the analog audio output. Use the Control App in order to manage audio layout.

COMPATIBILITY

Cisco Webex compatible



Easily programed 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)

TECHNICAL SPECIFICATIONS - CONT.

COMPATIBILITY - CONT.

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
Supported cameras	Cameras (or video Source) 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.

INFORMATION

UPC code	051497285142
Origin	Canada
Warranty	2 years

PHYSICAL DETAILS

Dimensions (W x L x H)	9.9 cm x 7.4 cm x 1.9 cm 3.9" x 2.9" x 0.75"
Power supply	Powered by USB 4.5 W (5 V, 900mA) or by external power supply 5 W (5 V, 1 A)
Weight	140 g (0.30 lb)
Package content	1x 3 ft. USB 3.0 cable (Type-A to Type-B) 1x 6 ft. USB 2.0 cable (Type-A to mini Type-B) (for power) 1x power supply 100-240 VAC 50/60Hz to 5V/1A DC USB-A International adapters included in the box (AUS, EUR, UK and US)
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

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