

# 4KXUSB3

4K HDMI TO USB 3.0 (+ HDMI LOOP, ANALOG AUDIO & VISCA)

## DEVICE CONNECTORS



## OVERVIEW

INOGENI's 4KXUSB3 is an affordable and easy-to-use Ultra HD to USB 3.0 camera converter with an HDMI loop and VISCA port. It can even support multiple devices on the same laptop.

- Easy and versatile camera converter for countless applications
- Cost-effective professional camera converter solution that is reliable as well as simple to install and connect (no driver required)
- Compatible with Barco ClickShare Conference (CX-20, CX-30 & CX-50)
- Compatible with Zoom Rooms
  - HDMI camera
  - Crestron's AutoTracker™ and AutoFramer™ are now certified for Zoom Rooms® software with INOGENI's 4KXUSB3 converter for camera control.
- 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 RS-232 terminal block adapter

## HOW DOES IT WORK?

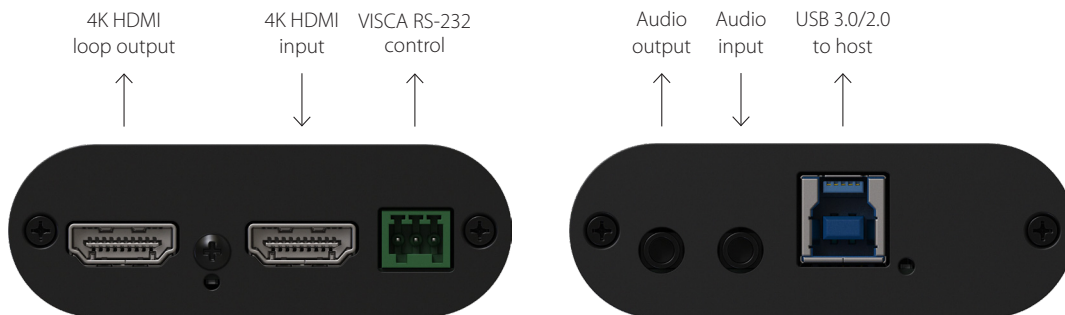
The 4KXUSB3 Ultra HD to USB 3.0 professional camera converter with an HDMI loop and VISCA port works with any virtual meeting room software that enables USB cameras and microphones, such as Microsoft Teams, Zoom, Google Meet or BlueJeans.

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	
Connector & video resolutions	1x HDMI 1.4a 4K UHD (3840/4096x2160), 1440p, 1080p, 720p, 1080i, 480p, 576p, 1280x1024, 1280x960, 1280x800, 1024x768, 800x600, 640x480
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

## TECHNICAL SPECIFICATIONS - CONT.

### VIDEO OUTPUT - CONT.

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	1x 3.5 mm, MIC or line-level, unbalanced
Audio output connector	1x 3.5 mm, line-level, unbalanced CH1&2 48 kHz 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.

### 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 (5V, 900mA)
Weight	140 g (0.30 lb)
Package content	1x 3 ft. USB 3.0 cable (Type-A to Type-B) 1x RS-232 terminal block adapter
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	040232378935
Origin	Canada
Warranty	2 years

### CONTROL

PTZ control connector	1x terminal block for VISCA control from UVC interface RS-232 interface Baud rate @ 9600 bps
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### COMPATIBILITY

Barco ClickShare Conference compatible	Compatible with Barco ClickShare Conference (CX-20, CX-30 & CX-50)
Zoom Rooms compatible	HDMI camera Crestron's AutoTracker™ and AutoFramer™ are now certified for Zoom Rooms® software with INOGENI's 4KXUSB3 converter for camera control.
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: Microsoft Teams, Zoom, Webex, Google Meet, etc.
<b>CERTIFICATIONS</b>	
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