







MODEL	U-CAM	4KX-PLUS	4KXUSB3	4K2USB3	HD2USB3	SDI2USB3
						
Description	USB camera & audio to HDMI converter	HDMI 4K to USB converter (+ loop, audio & ext. power)	HDMI 4K to USB converter (+ loop, audio & VISCA)	HDMI 4K to USB converter	HDMI to USB 3.0 converter	SDI to USB 3.0 converter (+ loop)
Input connector & video resolutions	2x USB 3.0 MJPEG: Up to 1080p30 using USB 2.0/3.0 YUYV: Up to 1080p60 using USB 3.0, 1080p10 using USB 2.0 Capture video and audio from USB 3.0 and 2.0 cameras. Camera capture is done from USB input #1 and audio on USB input #2	1x HDMI 1.4a 4K UHD (3840/4096x2160), 1440p, 1080p, 720p, 1080i, 480p, 576p, 1280x1024, 1280x960, 1280x800, 1024x768, 800x600, 640x480 60, 59.94, 50, 30, 29.97, 25, 24, 23.98 Hz for all resolutions, except 4K = 30Hz max.			1x HDMI 1.4a 1080p, 720p, 1080i, 480p, 576p, 1280x1024, 1280x960, 1280x800, 1024x768, 800x600, 640x480 60, 59.94, 50, 30, 29.97, 25, 24, 23.98 Hz for all resolutions	1x BNC (3GSDI input) 1x BNC (3GSDI active loop out) 3G: 1080p60/59.94/50 (Level A, B-Dual Link) HD: 1080i60/59.94/50, 1080p30/29.97/25/24/23.98 and 720p60/59.94/50/30/29.97/25/24/23.98 SD: NTSC/PAL
Output connector & video resolutions 1	1x HDMI 3840x2160p 23.98/24/25/29.97/30 fps, 1080p50/60 fps, 720p50/60 fps	1x HDMI 1.4a Same as HDMI input	1x HDMI 1.4a Same as HDMI input			1x BNC (3GSDI active loop out)
Output connector & video resolutions 2	1x USB 2.0 Type-B Device will expose a UVC interface over USB 2.0 up to 720p30 MJPEG	1x USB 3.0 Type-B YUY2 4:2:2 and NV12/420/YV12 4:2:0 for USB 3.0 MJPEG for USB 2.0	1x USB 3.0 Type-B YUY2 4:2:2 and NV12/420 /YV12 4:2:0 for USB 3.0 MJPEG for USB 2.0	1x USB 3.0 Type-B YUY2 4:2:2 and NV12/420/YV12 4:2:0 for USB 3.0 MJPEG for USB 2.0* * Devices having serial numbers >= 4K2037XXX will support MJPEG over USB 2.0. Otherwise, it will be uncompressed video.	1x USB 3.0 Type-B YUY2 4:2:2 for USB 3.0 MJPEG for USB 2.0* * Devices having serial numbers >= HD2035XXX will support MJPEG over USB 2.0. Otherwise, it will be uncompressed video.	1x USB 3.0 Type-B YUY2 4:2:2 for USB 3.0 MJPEG for USB 2.0* * Devices having serial numbers >= SD2036XXX will support MJPEG over USB 2.0. Otherwise, it will be uncompressed video.
Video colorspace	YUV422 and YUV420 to RGB conversion	RGB, YCbCr 4:4:4 and 4:2:2 (4K=RGB)	RGB, YCbCr 4:4:4 and 4:2:2 (4K=RGB)	RGB, YCbCr, 4:4:4, and 4:2:2 (4K=RGB)	RGB, YCbCr, 4:4:4, and 4:2:2	YCbCr, 4:2:2
Video scaler, color space conversion, sampling & frame rate conversion	Automatic hardware based					
Supported cameras	Cameras with a USB 3.0/2.0 output		Cameras with a HDMI output			Cameras with a SDI output
Jitter (alignment)						HD/SD: <02 UI 3 Gb/s: <04 UI
Cable length						150m (492 ft) at 1485 Gb/s 120m (393 ft) at 2970 Gb/s
Sampling rate		297 MHz			170 MHz	148.5/148.35 MHz
Audio Input	Audio coming from USB camera is converted to HDMI	1 x 3.5mm, MIC or line-level, unbalanced		CH1&2 48kHz LPCM feed from HDMI		Ch 1&2 48kHz LPCM from SDI
Audio Output		1 x 3.5mm, line-level, unbalanced CH1&2 48kHz LPCM feed from HDM				
Audio Mixing		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 Control App in order to manage audio layout.				
Control	1x RS-232 1x LAN 1x USB host connection	1x USB-mini Power and control 1x USB host connection	1x Terminal block for VISCA control from UVC interface RS-232 interface Baud rate @ 9600 bps 1x USB host connection	1x USB host connection		
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 Displays Macro and native Webex Room Kit Webex Room Kit Plus Webex Room Kit Pro Webex Room 55 Webex Room 70 Webex Room Panorama Macro only Cisco MX700 Cisco MX800 Cisco SX80		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 Displays Macro and native Webex Room Kit Webex Room Kit Plus Webex Room Kit Pro Webex Room 55 Webex Room 70 Webex Room Panorama Macro only Cisco MX700 Cisco MX800 Cisco SX80		
Operating systems	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					
Software compatibility	UVC-compliant Runs with all software compatible to DirectShow, AVFoundation and V4L2 Compatible to: Teams, Zoom, Webex, Google Meet, etc See more compatible applications here					
Included adapters/cables	1x 3ft USB 2.0 cable (Type-A to Type-B) 1x RS-232 terminal block adapter 1x power supply 100-240 VAC 50/60Hz to 12V/1.2A DC International adapters included in the box (AUS, EUR, UK and US)	1x 3ft USB 3.0 cable (Type-A to Type-B) 1x 6ft 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)	1x 3ft USB 3.0 cable (Type-A to Type-B) 1x RS-232 terminal block adapter	1x 3ft USB 3.0 cable (Type-A to Type-B)	1x 3ft USB 3.0 cable (Type-A to Type-B)	1x 3ft USB 3.0 cable (Type-A to Type-B)
Dimensions & weight	7.0cm x 8.3cm x 2.3cm 2.75" x 3.25" x 0.9" 138g (0,30lb)	9.9cm x 7.4cm x 1.9cm 3.9" x 2.9" x 0.75" 140g (0,30lb)	9.9cm x 7.4cm x 1.9cm 3.2" x 2.9" x 0.75" 140g (0,30lb)	8.1cm x 7.4cm x 1.9cm 3.2" x 2.9" x 0.75" 120g (0,26lb)	8.1cm x 7.4cm x 1.9cm 3.2" x 2.9" x 0.75" 120g (0,26lb)	8.1cm x 7.4cm x 1.9cm 3.2" x 2.9" x 0.75" 139g (0,30lb)
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					
Power consumption	12V (100-240 VAC 50/60Hz to 12V/1.2A DC)	Powered by USB 4.5 W (5 V, 900mA) or by external power supply 5 W (5 V, 1 A)	Powered by USB (5V, 900mA)	Powered by USB (5V, 580mA)	5V, Powered by USB (5V, 580mA)	Powered by USB (5V, 530mA)
UPC code	40232609015	51497285142	40232378935	40232164873	40232521003	40232250538
Origin	Canada					
Warranty	2 years					
HDCP-compliant	INOGENI will not decrypt BD/DVD movies, satellite/cable receivers or other encrypted sources.					
Certifications	FCC, CE, RoHS, SoV, RCM	FCC, CE, RoHS, SoV, RCM, 508 Statement	FCC, CE, RoHS, SoV, RCM, BSMI RoHS, BSMI, CB	FCC, CE, RoHS, SoV, RCM, VCCI, BSMI RoHS, BSMI, CB	FCC, CE, RoHS, SoV, RCM, BSMI RoHS, BSMI, CB	FCC, CE, RoHS, SoV, RCM, BSMI RoHS, BSMI, CB
TAA-compliant	Yes					