

SHARE2U

MIX 2X USB 2.0 OR HDMI CAMERAS TO USB 3.0 AND HDMI
+ PTZ CONTROL

DEVICE CONNECTORS



- Cost-effective solution that is reliable as well as simple to install and connect (no driver required)
- Designed and manufactured in Canada
- TAA-compliant



OVERVIEW

This easy Plug-and-Go mixer capturing 2 Picture-in-Picture or side-by-side video sources in one video flow is equally perfect to enhance the experience of your HyFlex classes and collaborative meetings.

- Mix 2 cameras from 3 sources (2 USB 2.0 and 1 HDMI)
- Engage a dynamic presentation and easily switch up to 14 mix setup videos
- Change camera and video configuration without cutting the flow of your presentation
- Ideal for remote education, collaborative meetings, webinars or live streaming
- Compatible with the Q-SYS Core processors
- 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 Barco ClickShare Conference (CX-20, CX-30 & CX-50)
- Output: Uncompressed video on USB 3.0 or MJPEG on USB 2.0
- Controllable by LAN & RS-232

WHAT'S IN THE BOX

- 1x 1 m/3.3 ft. USB 3.0 cable (Type-A to Type-B)
- 1x RS-232 terminal block adapter
- 2x mounting brackets
- 1x power supply 100-240 VAC 50/60Hz to 12V/1.2A DC
 - International adapters included in the box (AUS, EUR, UK and US)

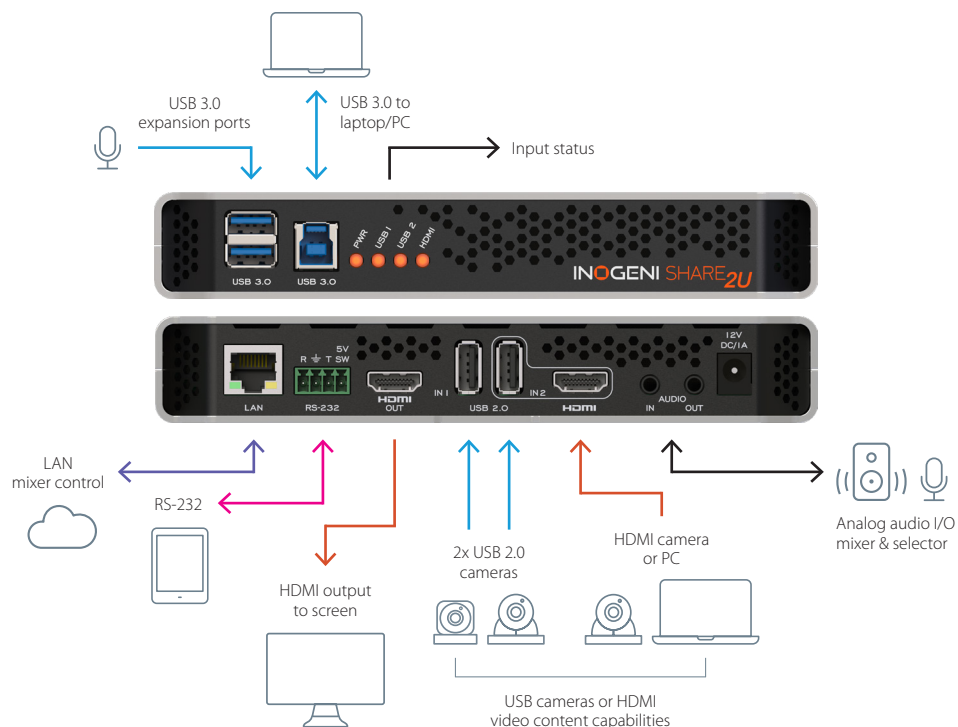
HOW DOES IT WORK?

The SHARE2U dual USB camera to USB 3.0 Pro-AV camera mixer can be controlled by an application on the host side using our USB HID, RS-232 or LAN interfaces. You can also use the keypad on the top of the device to control it manually.

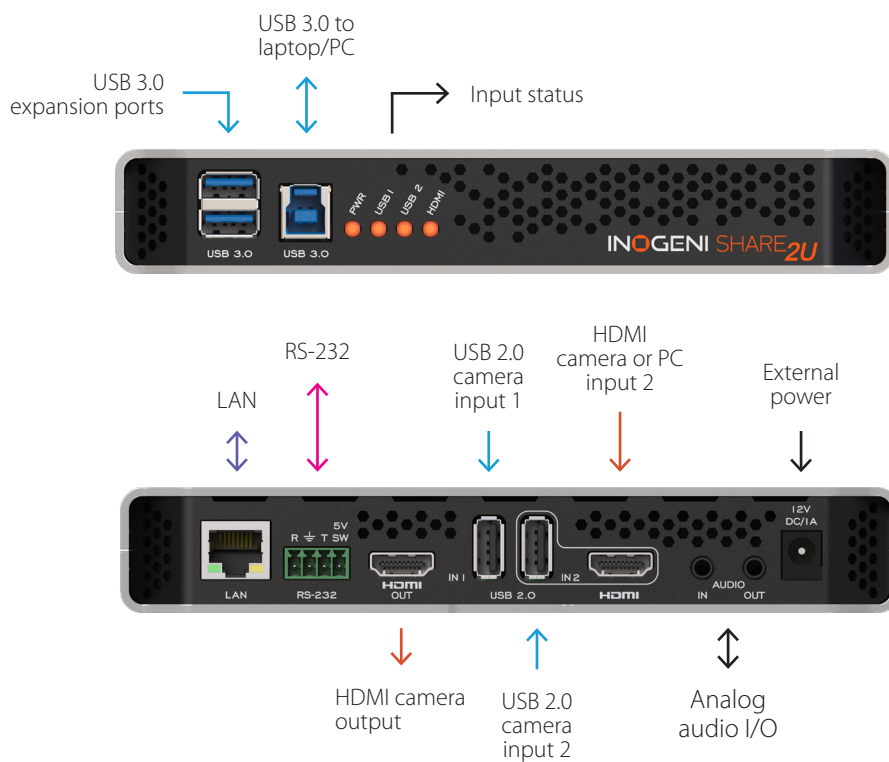
You can use the camera mixer feature of the SHARE2U to embed your two video sources into one single stream. This feature can be an important asset for you if your application only supports one video interface, like Microsoft Teams®, Zoom®, Webex®, Google Meet® and all video conferencing applications.

With the push of a button, you can easily switch up to 14 mix setup videos.

FEATURED CONNECTORS



DEVICE INTERFACES



TECHNICAL SPECIFICATIONS

VIDEO INPUT

#1 Connector & video resolutions	1x USB camera 2.0 MJPEG or H264 (*) Depends on the camera specifications
#2 Connector & video resolutions	1x USB camera 2.0 MJPEG or H264 (*) Depends on the camera specifications – OR – 1x HDMI 1080p60, 1080p30, 720p60 and 480p60 (1080p60 supported for S/N greater than SU2111xxx and SUM111xxx)
1080p notes for MJPEG and H264	*SHARE2U USB limitations and optimizations for up to 1080p. The USB 2.0 or USB 3.0 cameras that only support uncompressed video will have reduced video resolution to optimize fluidity. Due to hardware limitations, only 1x 1920x1080p30 MJPEG and 1x 1280x720p30 MJPEG video resolutions can be captured simultaneously. For better performance and video fluidity, use USB 3.0 or 2.0 cameras that support MJPEG or H264 CODECs. You have two options to achieve 1080p on two video sources for the SHARE2U: Option 1 1x USB camera (1080p MJPEG or H264 CODECs) 1x 1080p HDMI camera Option 2 1x USB camera (1080p MJPEG or H264 CODECs) 1x USB camera (1080p or higher) connected to the SHARE2U HDMI input via the INOGENI U-CAM converter (4K USB to HDMI converter)
Color space	HDMI : RGB, YCbCr 4:4:4 and 4:2:2

VIDEO OUTPUT

HDMI	1x HDMI up to 1080p60 (One mixed video stream)
USB	1x USB 3.0 uncompressed up to 1080p60 (One mixed video stream)
USB - Color space or CODEC	USB 3.0: YCbCr (YUY2) 4:2:2 8-bit. USB 2.0: MJPEG
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 connections	Unbalanced analog stereo, line level, 3.5 mm jack
Analog audio I/O	2-channel LPCM 48kHz audio from line input
Digital audio I/O	Embedded in HDMI or USB

COMPATIBILITY

Q-SYS Core processors compatibility	Compatible with the Q-SYS Core processors
Barco ClickShare Conference compatibility	Compatible with Barco ClickShare Conference (CX-20, CX-30 & CX-50)
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 systems	NO driver installation necessary! Windows 7 and above (32/64-bit) macOS 10.10 and above Linux (kernel v2.6.38)
Consumed USB tiers	2 tiers The device is a USB composite device connected to an embedded USB hub. USB tiers between USB cameras and the device are not reported to the connected host. The device acts in some way as a "tier resetter."

TECHNICAL SPECIFICATIONS - CONT.

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
Supported cameras	Depends on the camera specifications
Software compatibility	UVC-compliant, it runs with all software compatible with DirectShow, AVFoundation and V4L2. Compatible with: Teams, Zoom, Webex, Google Meet, etc.

CONTROL

Control options	Integrated keypad, LAN, USB-HID, INOGENI REMOTE, RS-232
IP interface	10 Mbps DHCP (default) and static IP addressing. Supports the APIPA protocol when no DHCP server found.

PHYSICAL DETAILS

Dimensions (W x L x H)	18.5 cm x 11.0 cm x 3.0 cm 7.28" x 4.33" x 1.18"
Power supply	12V (100-240 VAC 50/60Hz to 12V/1.2A DC)
Weight	560 g (1.23 lb)
Package content	1x 1m/3.3 ft. USB 3.0 cable (Type-A to Type-B) 1x RS-232 terminal block adapter 2x mounting brackets 1x power supply 100-240 VAC 50/60Hz to 12V/1.2A DC International adapters included in the box (AUS, EUR, UK and US)
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

USB PORT

USB expansion port	Two (2) extra USB 3.0 ports for expansion purposes. The devices connected will appear to the host.
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INFORMATION

UPC code	040232633843
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, KC, NOM
TAA-compliant	Yes

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

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