SHARE2

MIX 2 HDMI/DVI CAMERAS TO UBS 3.0

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DEVICE CONNECTORS

OVERVIEW

INOGENI's easy and versatile SHARE2 camera mixer provides Picture-in-Picture in one video flow. Create interactive presentations for collaborative meetings and HyFlex classrooms.

- 2 HDMI cameras mixer into a single USB 3.0 interface
- 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
- 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
- Cost-effective 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 1m/3.3 ft. USB 3.0 cable (Type-A to Type-B)
- 1x HDMI to DVI adapter
- 1x VGA to DVI adapter
- 1x Serial RS-232 cable (DB9 female to RJ45 plug)
- 1x power supply 100-240 VAC 50/60Hz to 12V/1.2A DC
  - International adapters included in the box (AUS, EUR, UK and US)
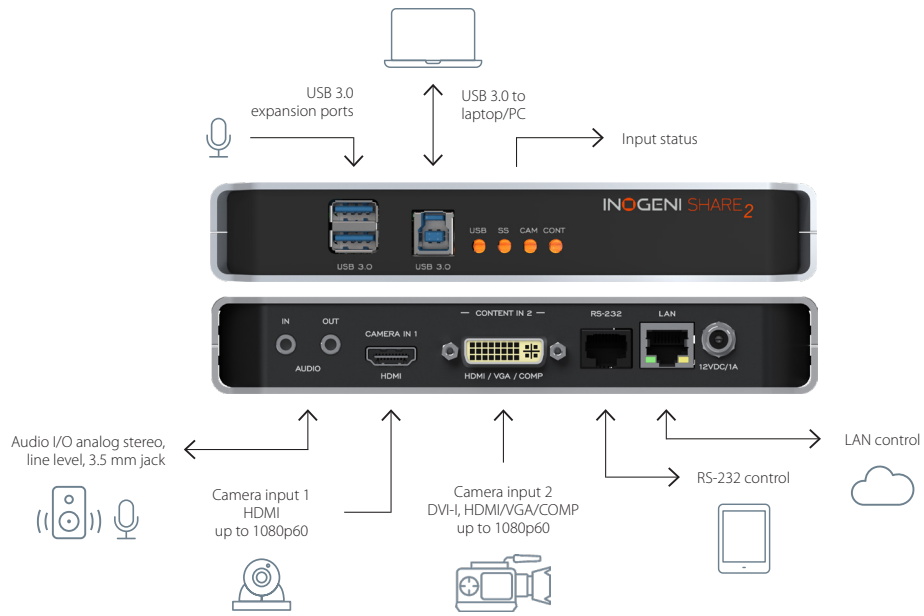
HOW DOES IT WORK?

The SHARE2 dual HDMI/DVI to USB 3.0 professional camera mixer can be controlled by an application on the host side using our LAN or RS-232 interfaces. You can also use the keypad on the top of the device to control it manually.
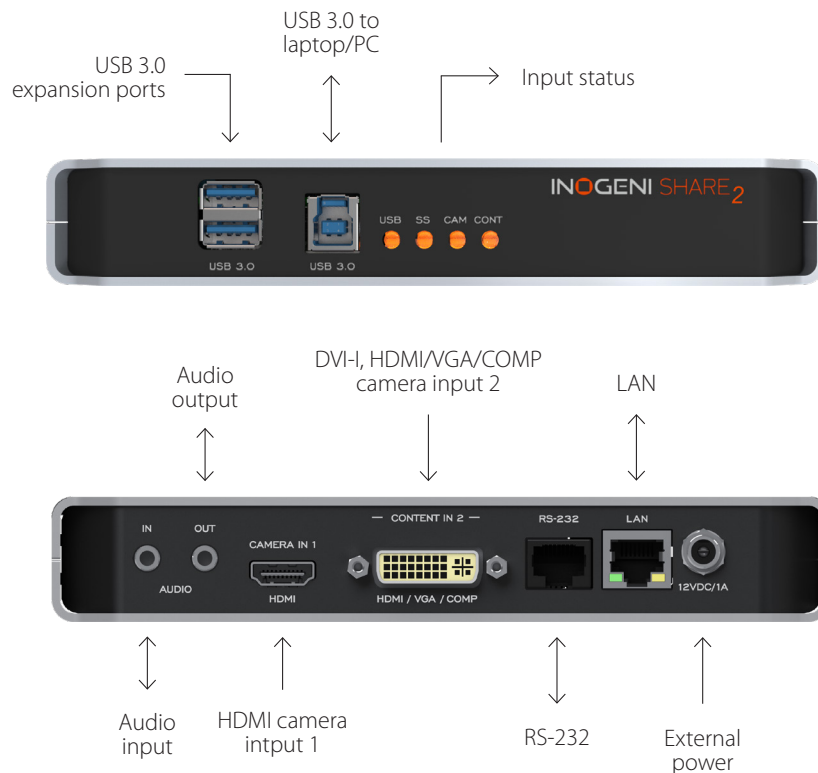
You can use the camera mixer feature of the SHARE2 to embed your two video sources into one single stream. This feature can be an important asset for you if your application only supports one video interface, like Teams®, Zoom®, Webex®, GoToMeeting® and all video conferencing applications.

Easy push-button to switch easily up to 14 mix setup videos.

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FEATURED CONNECTORS

USB 3.0
expansion ports

USB 3.0 to
laptop/PC

Input status

INOGENI SHARE2

USB SS CAM CONT

USB 3.0   USB 3.0

IN   OUT   CAMERA IN 1   — CONTENT IN 2 —   RS-232   LAN

AUDIO   HDMI   HDMI / VGA / COMP   12VDC/1A

Audio I/O analog stereo,
line level, 3.5 mm jack

Camera input 1
HDMI
up to 1080p60

Camera input 2
DVI-I, HDMI/VGA/COMP
up to 1080p60

RS-232 control

LAN control

DEVICE INTERFACES

USB 3.0
expansion ports

USB 3.0 to
laptop/PC

Input status

INOGENI SHARE2

USB SS CAM CONT

USB 3.0   USB 3.0

Audio
output

DVI-I, HDMI/VGA/COMP
camera input 2

LAN

IN   OUT   CAMERA IN 1   — CONTENT IN 2 —   RS-232   LAN

AUDIO   HDMI   HDMI / VGA / COMP   12VDC/1A

Audio
input

HDMI camera
intput 1

RS-232

External
power

TECHNICAL SPECIFICATIONS

VIDEO INPUT

#1 Connector & video resolutions	1x HDMI 1080p, 720p, 1080i, 480p, 576p, 1920×1200, 1280×1024, 1280×960, 1024×768, 800×600, 640×480 Frame rate: up to 60 Hz, all formats
#2 Connector & video resolutions	1x DVI-I (Digital + Analog) – OR – With HDMI adapter Note: You may use the included HDMI to DVI adapter to have two HDMI inputs. DVI: 1080p, 1080i, 720p, 480p, 576p, 1920×1200, 1280×1024, 1280×960, 1024×768, 800×600, 640×480 VGA: 1080p, 720p, 480p, 576p, 1920×1200, 1680×1050, 1400×1050, 1600×1200, 1280×1024, 1360×768, 1280×768, 1280×800, 1024×768, 800×600, 640×480 Component: 1080p, 1080i, 720p, 480p, 480i, 576p and 576i CVBS – 480i, 576i Frame rate: up to 60 Hz, all formats.
Color space	RGB, YCbCr, 4:4:4, and 4:2:2

VIDEO OUTPUT

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

USB PORT

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

AUDIO

Analog audio connections	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
Audio routing	See the Q&A for SHARE2 and SHARE2U audio routing in Support / Knowledge base section

CONTROL

Control options	Not available
Mixer control	Integrated keypad, LAN, USB-HID, INOGENI REMOTE, RS-232 (SHARE2 requires installation of COM port driver)
IP interface	10 Mbps Static address configuration through our Control App. DHCP not supported.

COMPATIBILITY

Q-SYS Core processors compatible	Compatible with the Q-SYS Core processors
Barco ClickShare Conference compatible	Compatible with Barco ClickShare Conference (CX-20, CX-30 & CX-50)
Operating systems	NO driver installation necessary! Windows 7 and above (32/64-bit) macOS 10.10 and above Linux (kernel v2.6.38)
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	Cameras and camcorders with an HDMI, DVI, VGA or CVBS output
Software compatibility	UVC-compliant, it runs with all software compatible with DirectShow, AVFoundation and V4L2. Compatible with: Teams, Zoom, Webex, Google Meet, etc.

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TECHNICAL SPECIFICATIONS - CONT.

PHYSICAL DETAILS

Dimensions (W x L x H)	18.5 cm x 11.0 cm x 3.0 cm 7.25" x 4.25" x 1.25"
Power supply	12V (100-240 VAC 50/60Hz to 12V/1.2A DC)
Weight	530 g (1.17 lb)
Package content	1x 1 m/3.3 ft. USB 3.0 cable (Type-A to Type-B) 1x HDMI to DVI adapter 1x VGA to DVI adapter 1x Serial RS-232 cable (DB9 female to RJ45 plug) 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° 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	040232461736
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, KC, MSIP
TAA-compliant	Yes

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