

# INOGENI SHARE 1

# INOGENI SHARE 2

# INOGENI SHARE2U



**User Manual**

**User Manual**  
 **REMOTE User Manual**

**User Manual**  
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## Feature Summary

Dual Video to USB 3.0 Multi I/O Capture. FACILITATE your video capture over USB 3.0 for two cameras and with versatile I/Os. Works with vMix, Wirecast, Panopto and all apps supporting two or more video input devices.

Simultaneous capture and mix of 1x HDMI and 1x DVI/VGA/Component Analog or digital/or CVBS + Audio into 1x1080P60 USB3 signal.

Simultaneous capture and mix of 2x USB2 signals + Audio into one 1080P60 USB3 signal.

## Video Input 1

**1x HDMI**  
1080p, 720p, 1080i, 480p, 576p, 1920x1200, 1280x1024, 1280x960, 1024x768, 800x600, 640x480  
**Frame rate:** up to 60 Hz, all formats.

**1x USB 2.0 camera MJPEG or H264 (\*)**  
Depends on the camera specifications.  
**Supported USB 2.0 cameras**

## Video Input 2

**1x DVI-I (Digital + Analog)**  
**DVI:** 1080p, 1080i, 720p, 480p, 576p, 1920x1200, 1280x1024, 1280x960, 1024x768, 800x600, 640x480  
**VGA:** 1080p, 720p, 480p, 576p, 1920x1200, 1680x1050, 1400x1050, 1600x1200, 1280x1024, 1360x768, 1280x768, 1280x800, 1024x768, 800x600, 640x480  
**Component:** 1080p, 1080i, 720p, 480p, 480i, 576p and 576i  
**1x CVBS -** 480i, 576i  
**Frame rate:** up to 60 Hz, all formats.  
**HDMI Note:** You may use the included HDMI to DVI adapter to have two HDMI inputs.

**1x USB 2.0 camera MJPEG or H264 (\*)**  
Depends on the camera specifications.  
**Supported USB 2.0 cameras**  
- OR -  
**1x HDMI**  
1080p30, 720p60 and 480p60

## Color Space

RGB, YCbCr, 4:4:4, and 4:2:2

HDMI : RGB, YCbCr 4:4:4 and 4:2:2

## Analog Audio I/O

Analog stereo, line level, 3.5mm jack.

## Audio Input

2-channel LPCM 48kHz audio from line input or embedded in HDMI.

2-channel LPCM 48kHz audio from line input or embedded in HDMI or USB.

## Audio Routing

N/A

See following link for [SHARE2 and SHARE2U audio routing](#).

## HDCP-Compliant

The device is HDCP-compliant. It will not decrypt BD/DVD movies, satellite/cable receivers or other encrypted sources.

## Camera Control

RS-232 port on RJ-45 connector for RS-232 or VISCA control. Requires installation of COM port driver. [See Support tab](#).

RS-232 on terminal block for VISCA control.

## Mixer Control

There is no mixer in SHARE1.

The mixer feature can be controlled by the following interfaces: LAN, HID, RS-232, keypad and INOCENI REMOTE.

## Output Connector

1x USB 3.0 (Two separate video streams).

1x USB 3.0 (One mixed video stream).

1x USB 3.0 and 1x HDMI (One mixed video stream) up to 1080p60.

## Color Space

YCbCr (YUY2) 4:2:2 8-bit.

USB 3.0: YCbCr (YUY2) 4:2:2 8-bit.  
USB 2.0: MJPEG

YCbCr (YUY2) 4:2:2 8-bit.

## Video Scaler, Color Space Conversion, Sampling & Frame Rate Conversion

Automatic hardware based.

## USB Expansion

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

## Maximum USB Bandwidth

Because of USB bandwidth limitation, you cannot stream simultaneously two 1080p60 videos over USB. However, for example, these combinations will work:  
Input 1 at 1080p50 and Input 2 at 1080p30.  
Both Inputs at HD resolutions, such as 1080i60, 1080p30 or 720p60.  
Input 1 at 1080p60 and Input 2 at 1080p23.  
All other combinations at lower resolution or frame rate.  
The internal scaler can be used to reduce the resolution and frame rate of the input if necessary.

No USB Bandwidth limitation.

## Operating Systems

**NO driver installation necessary!**  
Windows 7 and above (32/64-bit)  
macOS 10.10 and above [SHARE1 not supported]  
Linux (kernel v2.6.38) and above  
Android

## Minimal Host Requirements

USB 3.0 port  
4GB RAM  
Intel Core i5 or equivalent  
Graphic card with dedicated memory

## Motherboard

Compatible with all motherboards. Intel, Renesas, ASMedia and Fresco Logic.

## Cameras Supported

Cameras and camcorders with an HDMI, DVI, VGA or CVBS output.

Depends on the camera specifications  
**Supported USB 2.0 cameras.**

## Software Compatibility

UVC-compliant. Runs with all software compatible to DirectShow, AV Foundation and V4L2. UVC-compliant. Runs with all software compatible to DirectShow, AVFoundation and V4L2. UVC-compliant. Runs with all software compatible to DirectShow, AVFoundation and V4L2.

## Adapters/Cables included

Power supply, USB 3.0 cable, HDMI-to-DVI adapter, VGA-to-DVI adapter, serial RS-232 cable.

Power supply, USB 3.0 cable, RS-232 terminal block adapter.

## Dimensions & Weight

18.5cm x 11cm x 3cm, 462g

18.5cm x 11cm x 3cm, 530g

18.5cm x 11cm x 3cm, 540g

## 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

12V, 700mA. Power supply included

## UPC Code

040232355523

040232461736

040232633843

## Origin

Canada

## Warranty

2 years

\* USB 2.0 or USB 3.0 cameras that only support uncompressed video will not work properly. For better performance, use USB 2.0 cameras that support MJPEG or H264 codecs.