INOGENI SHARE2U

User guide

Version 2.0

October 3, 2025

VERSION HISTORY

Version	Date	Description
2.0	October 3, 2025	New product user guide.

CONTENTS

PRODUCT HIGHLIGHTS

Here are the product highlights

- EASY ! No drivers required.
- Capture from MJPEG and H264 USB 2.0 cameras, which are UVC-compliant.
- Capture HDMI feeds.
- Predefined Picture in Picture (PIP) views.
- Ideal for Video streaming and Videoconferencing.
- Compatible to all motherboards and chipsets.
- Powered via external power supply.
- Scaler and Colorspace Conversion.
- Supports Windows, macOS and Linux.
- Audio mixing capability.
- DirectShow, AVFoundation and V4L2 Compatible.
- Professional grade full-metal enclosure.

OVERVIEW

The **INOGENI SHARE2U Converter** is the most easy and reliable tool for simultaneous capture and mix of two video sources into one single USB stream with audio for your PC for recording, videoconferencing, lecture capture and streaming applications. No driver installation is necessary and it will work on all motherboards and USB 3.0 chipsets. It features two USB inputs, one HDMI input, a line level stereo analog input, a line level stereo analog output, an internal USB 3.0 hub with 2x USB 3.0 ports for expansion purposes and USB 3.0 connector for the host. It supports SD and HDTV video formats, up to 1080p60, and most computer graphic formats. Compact in size and rugged, the converter is a practical and an easy-to-use USB 3.0 capture solution. It is compatible with Windows, OSX and Linux operating systems, and is UVC-compliant, so it will work with all DirectShow/V4L2 and AVFoundation compatible software.

The converter supports 1080p30 for USB inputs and 1080p60 for HDMI input. The line level stereo analog audio input and output are two-channel LPCM.

SHARE2U comes with a USB 3.0 cable and its power supply.

- Line level stereo audio support.
- Predefined Picture in Picture (PIP) views.
- Digital Fluid technology - Internal frame buffers maximize frame rate with any PC.
- Hardware-based color space and sampling conversion.
- Automatic scaling and frame rate conversion.
- Customizable video processing functions.
- Supports multiple devices on the same PC.
- Compatible with Windows, macOS and Linux.

DEVICE INTERFACES

Here are the devices interfaces.
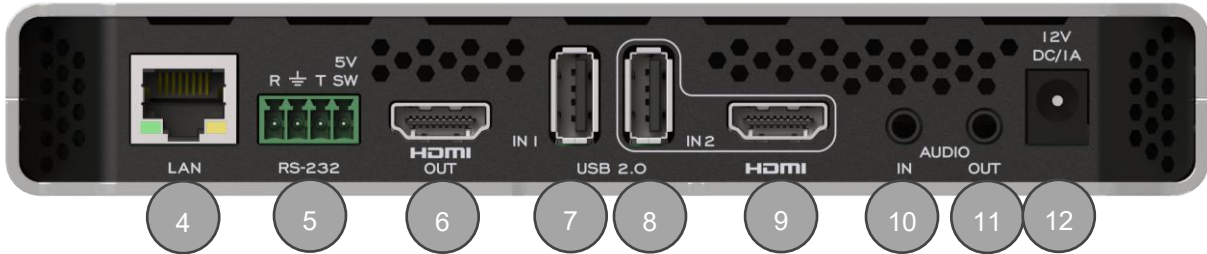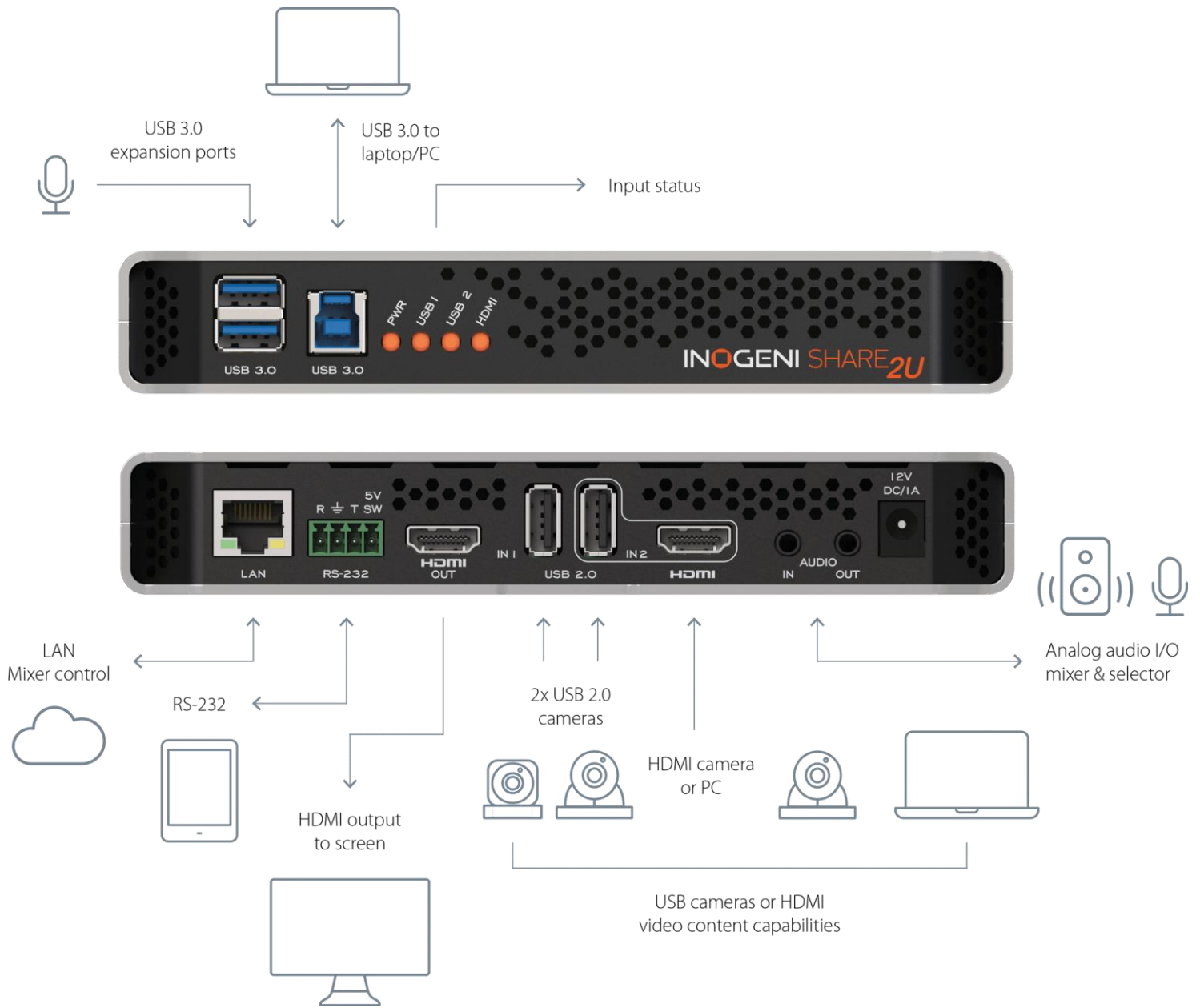

Figure 1: Front side connections

Figure 2: Back side connections

	Items
1	USB3.0 expansion ports.
2	USB3.0 host port.
3	Status leds for power, USB1, USB2 and HDMI inputs
4	LAN interface.
5	RS232 and remote interface.
6	HDMI output.
7	USB1 camera input.
8	USB2 camera input.
9	HDMI camera input.
10	Line-level analog audio input.
11	Line-level analog audio output.
12	+12VDC power input.

USB 3.0
expansion ports

USB 3.0 to
laptop/PC

Input status

LAN
Mixer control

RS-232

HDMI output
to screen

2x USB 2.0
cameras

HDMI camera
or PC

Analog audio I/O
mixer & selector

USB cameras or HDMI
video content capabilities

LEDS BEHAVIOR

Here are the LEDs behavior:

PWR	
OFF	Device not powered.
ON	Device powered.
USB1	
OFF	USB1 camera input not detected.
SOLID	USB1 camera input detected.
USB2	
OFF	USB2 camera input not detected.
SOLID	USB2 camera input detected.
HDMI	
OFF	HDMI camera input not detected.
SOLID	HDMI camera input not detected.
BLINK	HDMI camera input not supported.

Here is the complete specification.

Main feature	
2:1 Camera mixer	**2:1 Camera mixer** (1x USB and 1x USB or HDMI cameras mixer into a single USB 3.0 interface) Simultaneous capture and mix of 2x USB 2.0 signals + Audio into one 1080p60 USB 3.0 signal. 14 mix setup videos: Picture-in-picture, side-by-side

Video input	
#1 Connector & video resolutions	**1x USB 2.0 camera** MJPEG or H264 (*) Depends on the camera specifications Compatible USB cameras
#2 Connector & video resolutions	**1x USB 2.0 camera** MJPEG or H264 (*) Depends on the camera specifications Compatible USB cameras – 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 ou CODEC	USB 3.0: YCbCr (YUY2) 4:2:2 8-bit. USB 2.0: MJPEG
USB - Video scaler **USB - Color space conversion** **USB - Sampling conversion** **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
Audio routing	See following link for SHARE2 and SHARE2U audio routing Learn more…

Control	

Control options	Integrated keypad, LAN, USB-HID, INOGENI REMOTE, RS-232
IP interface	10/100 Mbps DHCP (default) and static IP addressing. Supports the APIPA protocol when no DHCP server found.

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

Compatibility	
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)
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."
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 Compatible USB cameras
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

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/3.3ft 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° to 45° C 32° to 113° F
Storage temperature	-40° to 105° C -40° to 221° F
Relative humidity	0% to 90% non-condensing

Informations	
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	
Download	Certifications available on the Support Tab
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

These buttons have the same function as presented in the INOGENI Control App software.

Input 1 to full screen.

Input 2 to full screen.
Click a second time on the button to switch between USB2 and HDMI if both sources are present.

Picture in picture. Each press on this button changes the small window position at each corner.

Side by side.
Top or bottom.

Big and small.

Swap input 1 and input 2 for buttons: picture in picture, side by side and big and small. Each press on this button swap input 1 with input 2. To lock/unlock the keypad, press and hold this button for a minimum of 5 seconds.

Not used, reserved for customization.
Function can be set using appropriate firmware and our Control App.

SERIAL COMMUNICATION PROTOCOL

Here is the complete list of commands provided through the serial connection. As written on the back of the device, here is the pinout of the terminal block.

Pin 1: Receive
Pin 2: GND
Pin 3: Transmit
Pin 4: 5V supply (for INOGENI Remote)

> ⚠️ **NOTE:** Commands sent to the serial interface must have the '<' character at the beginning and '>' character at the end. You also need to put **the space " " character between command and argument**.

Baud rate: 9600 [default] // **Data bits**: 8 // **Stop bits:** 1 // **Parity:** None // **Flow control:** None

REST API

You can enable a bearer authentication in the HTTP header (Authorization: Bearer <token>) through our configuration page to increase security on the API.

There will be a return code to each call with the following commands:
```
200 => success
400 => error
401 => authorization error
```

The return body will usually be JSON formatted with a "`message`" field containing a JSON string explaining the cause of the error or "success" in case of success. Note that we are using self-signed certificates.

It is also possible to embed arguments to an API call inside the URL to ease configuration with some control systems with the following topology:

GET https://<IP>/api/v1/**<COMMAND>?<ARG1>=value**&**<ARG2>=value**

where **<COMMAND>**, **<ARG1>** and **<ARG2>** are command and associated arguments.

For example, using the **output** command, you can issue the following request:

GET https://<IP>/api/v1/**output**?**resolution=1**

This request will set the HDMI output resolution to the option 1, which is 1080p60.

TELNET

You can use any telnet application to communicate with the device using TCP. Make sure to use the right IP address and **port 50000**.

API COMMANDS

Here is the list of the RESTAPI, telnet and RS232 commands available for the device.

> ⚠️ **NOTE:** Commands sent to the **serial interface** must have the '<' character at the beginning and '>' character at the end. You also need to put **the space " " character between command and argument**.

> ⚠️ **NOTE:** Commands sent to the **telnet interface** must have the '$' character at the beginning and $' character at the end. You also need to put **the underscore "_" character between command and argument**.

REST API	Telnet	RS232	Description
/api/v1/accessToken	N/A	N/A	Supports the GET / POST / DELETE commands for the access token.

/api/v1/ accessTokenEn?enable= X	N/A	N/A	Enable access token.
			`X = 0 => Disable`
			`X = 1 => Enable`

/api/v1/ aecAudio?enable=X	AEC_X	<AEC X>	Enable AEC interface over the USB output.
			The device must be rebooted to take effect.
			`X = 0 => Disable`
			`X = 1 => Enable`

/api/v1/ audioConfig?config=X	$ACFG_X$	<ACFG X>	Set audio configuration of the device.
			`X = 0 => Automatic input selection`
			`X = 1 => Follow selected input`
			`X = 2 => Mix all inputs`

/api/v1/ audioInputVolume?id=X &volume=Y	$AIN1_Y$
	$AIN2_Y$
	$AIN3_Y$
	$AIN4_Y$
		<AIN1 Y>
		<AIN2 Y>
		<AIN3 Y>
		<AIN4 Y>
			Audio input selection
			`X = 1 for USB1 input`
			`X = 2 for USB2 input`
			`X = 3 for HDMI input`
			`X = 4 for analog input`
			
			Adjust audio input level of the specific input.
			Parameter is 2-complement.
			`Y = 166 to 6`
			`For example,`
			`Y = 0 means no audio modification.`
			`Y = 255 means -1 dB audio gain.`
			`Y = 166 is MUTE value.`

/api/v1/ audioOutputSource?id= X&source=Y	$AOUTHDMI_Y$
	$AOUTANALOG_Y$
	$AOUTUSB1_Y$
	$AOUTUSB2_Y$
		<AOUTHDMI Y>
		<AOUTANALOG Y>
		<AOUTUSB1 Y>
		<AOUTUSB2 Y>
			Audio output selection.
			`X = 1 => HDMI output`
			`X = 2 => analog audio output`
			`X = 3 => USB1 output`
			`X = 4 => USB2 output`
			
			Audio source associated to the specific output.
			`Y = 0   => PC-Speaker`
			`Y = 255 => mixer`
			`Y = 128 => analog input & PC-Speaker`
			`Y = 127 => analog input`

/api/v1/ audioOutputVolume?id= X&volume=Y	$AOUT1$
	$AOUT2$
	$AOUT3$
	$AOUT4$
		<AOUT1 Y>
		<AOUT2 Y>
		<AOUT3 Y>
		<AOUT4 Y>
			Audio output selection
			`X = 1 => analog output`
			`X = 2 => USB1 output`
			`X = 3 => USB2 output`
			`X = 4 => HDMI output`
			
			Adjust audio output level of the specific output.
			Parameter is 2-complement.
			`Y = 166 to 6`
			`For example,`
			`Y = 0 means no audio modification.`
			`Y = 255 means -1 dB audio gain.`
			`Y = 166 is MUTE value.`

/api/v1/ blank?enable=X	$BLANK_X$	<BLANK X>	Disable HDMI output.
			`X = 0 => Enable HDMI output.`
			`X = 1 => Disable HDMI output.`

/api/v1/blk	BLK	<BLK>	Black video over USB 3.0 and HDMI outputs. You need to use the shw, SHW or <SHW> to recover video.
/api/v1/bs	BS	<BS>	Big and Small View

/api/v1/bs1	$BS1$	<BS1>	Big and Small View where Input 1 is at the left side
/api/v1/bs2	$BS2$	<BS2>	Big and Small View where Input 2 is at the left side

/api/v1/dhcp?enable=X	$DHCP_X$	<DHCP X>	Turn ON/OFF DHCP client.
			`X = 0 => Disable DHCP client.`
			`X = 1 => Enable DHCP client.`

/api/v1/
enjpegparse?enable=X
	$ENJPEGPARSE_X$	<ENJPEGPARSE X>	Enable parsing of the JPEG payload on camera side.
			`X = 0 => Disable`
			`X = 1 => Enable`

/api/v1/
enlog?enable=X
	$ENLOG_X$	<ENLOG X>	Enable logging over telnet for troubleshooting purpose.
			`X = 0 => Disable`
			`X = 1 => Enable`

/api/v1/ friendlyName?name=X	N/A	<FRIENDLYNAME X>	Set the friendly name of the device reported over the USB output. The device must be rebooted to take effect.
/api/v1/ gateway?gateway=W.X.Y .Z	$GATEWAY_W_X_Y_Z$	<GATEWAY W X Y Z>	Set the gateway address where gateway address = W.X.Y.Z
/api/v1/getLog	N/A	<GETLOG>	Get information of the device for troubleshooting

/api/v1/
httpEn?enable=X
	N/A	N/A	Enable HTTP server.
			`X = 0 => Disable`
			`X = 1 => Enable`

/api/v1/
inv?id=X&mode=Y
	INV_X_Y	<INV X Y>	Video source flip.
			`X = 1, for USB1`
			`  = 2, for USB2`
			`  = 3, for HDMI`
			`Y = 0, no flip`
			`  = 1, vertical flip`
			`  = 2, horizontal flip`

/api/v1/ip?ip=W.X.Y.Z	$IP_W_X_Y_Z$	<IP W X Y Z>	Set the IP address where IP address = W.X.Y.Z
/api/v1/ netmask?netmask=W.X.Y .Z	$NETMASK_W_X_Y_Z$	<NETMASK W X Y Z>	Set the subnet mask where subnet mask = W.X.Y.Z

/api/v1/
output?resolution=X?
	$OUTPUT_X$	<OUTPUT X>	Set the output resolution over HDMI.
			`X = timing index`
			`TIMING_AUTO_EDID = 0`
			`TIMING_1080P60 = 1`
			`TIMING_1080P50 = 2`
			`TIMING_720P60 = 3`
			`TIMING_720P50 = 4`
			`TIMING_1080P30 = 5`

/api/v1/pan?x=X&y=Y	PAN_X_Y	<PAN X Y>	Moves PTZ camera horizontally. This is a relative control.
			`X = 1, for USB1`
			`  = 2, for USB2`
			`Y = -1, counterclockwise`
			`  = 0, stop`
			`  = 1, clockwise`

/api/v1/poll	$POLL$	<POLL>	Returns the current view of the device.
/api/v1/pp	PP	<PP>	Picture in Picture. Selects the current configuration
/api/v1/ppbl	$PPBL$	<PPBL>	Picture in Picture at bottom left corner
/api/v1/ppbl1	$PPBL1$	<PPBL1>	Picture in Picture at bottom left corner where Input 1 is the background
/api/v1/ppbl2	$PPBL2$	<PPBL2>	Picture in Picture at bottom left corner where Input 2 is the background
/api/v1/ppbr	$PPBR$	<PPBR>	Picture in Picture at bottom right corner
/api/v1/ppbr1	$PPBR1$	<PPBR1>	Picture in Picture at bottom right corner where Input 1 is the background
/api/v1/ppbr2	$PPBR2$	<PPBR2>	Picture in Picture at bottom right corner where Input 2 is the background
/api/v1/pptl	$PPTL$	<PPTL>	Picture in Picture at top left corner
/api/v1/pptl1	$PPTL1$	<PPTL1>	Picture in Picture at top left corner where Input 1 is the background
/api/v1/pptl2	$PPTL2$	<PPTL2>	Picture in Picture at top left corner where Input 2 is the background
/api/v1/pptr	$PPTR$	<PPTR>	Picture in Picture at top right corner
/api/v1/pptr1	$PPTR1$	<PPTR1>	Picture in Picture at top right corner where Input 1 is the background
/api/v1/pptr2	$PPTR2$	<PPTR2>	Picture in Picture at top right corner where Input 2 is the background
/api/v1/ preset?x=X&y=Y	$PRESET_X_Y$	<PRESET X Y>	Tells PTZ camera to go to a saved preset position. `X = 1, for USB1`

			= 2, for USB2 Y = 1 to 3, for preset 1, 2 and 3
/api/v1/reboot /api/v1/rst	RST	<RST>	Reboot the unit.
/api/v1/rstr	$RSTR$	<RSTR>	Erase the current configuration onboard and return to default values
/api/v1/s1	$S1$	<S1>	Source 1, which comes from the USB input 1 connector
/api/v1/s2	$S2$	<S2>	Source 2, which comes from the USB input 2 or HDMI connector
/api/v1/save	$SAVE$	<SAVE>	Save the current configuration onboard for future use
/api/v1/ savepreset?x=X&y=Y	$SAVEPRESET_X_Y$	<SAVEPRESET X Y>	Saves current position to camera preset memory. X = 1, for USB1 = 2, for USB2 Y = 1 to 3, for preset 1, 2 and 3
/api/v1/shw	SHW	<SHW>	Show video over USB 3.0 and HDMI outputs.
/api/v1/ss	SS	<SS>	Side by Side View
/api/v1/ss1	$SS1$	<SS1>	Side by Side View where Input 1 is at the left side
/api/v1/ss2	$SS2$	<SS2>	Side by Side View where Input 2 is at the left side
/api/v1/ standByMode?enable=X	$ALLOWSTANDBYMODE_X$	<ALLOWSTANDBYMODE X>	Set the standby mode of the device. X = 0 => Device always capture video from USB and HDMI sources X = 1 => Device capture video from USB and HDMI sources when USB output interface is requested
N/A	GET	<GET>	Return the firmware versions and video information of the legacy api.
/api/v1/status	$STATUS$	<STATUS>	Return the firmware version and video information of the new V2 api.
/api/v1/sw	SW	<SW>	Swap View
/api/v1/swHdmi	$SWHDMI$	<SWHDMI>	Select HDMI source as input 2.
/api/v1/swUsb	$SWUSB$	<SWUSB>	Select USB source as input 2.
/api/v1/tb	TB	<TB>	Top Bottom View
/api/v1/tb1	$TB1$	<TB1>	Top Bottom View where Input 1 is at the top
/api/v1/tb2	$TB2$	<TB2>	Top Bottom View where Input 2 is at the top
/api/v1/ telnetEn?enable=X	N/A	N/A	Enable telnet server. X = 0 => Disable X = 1 => Enable

/api/v1/tilt?x=X&y=Y	$TILT_X_Y$	<TILT X Y>	Moves PTZ camera vertically. This is a relative control.
			X = 1, for USB1
			  = 2, for USB2
			Y = 1, camera goes up
			  = 0, stop
			  = -1, camera goes down

/api/v1/ usbInputAudio?enable=X	$USBAIN_X$	<USBAIN X>	Set the USB input audio state. The device must be rebooted to take effect. X = 0 => Disable X = 1 => Enable
/api/v1/ usbOutputAudio?enable=X	$USBAOUT_X$	<USBAOUT X>	Set the USB output audio state. The device must be rebooted to take effect. X = 0 => Disable X = 1 => Enable
/api/v1/zoom?x=X&y=Y	$ZOOM_X_Y$	<ZOOM X Y>	Sets zoom of camera. This is a relative control. X = 1, for USB1 = 2, for USB2 Y = 100 to 500

A web interface is available for the device. This one is accessible through your network.

⚠	The web interface is only available when using firmware greater or equal to 2.0.18

⚠	Since the device supports the mDNS networking protocol, you can access the web interface of the device using a networking URL. This URL looks like the following example and includes the last 3 bytes of the MAC address and will end with the **.local** suffix:

> **38:76:05:00:80:00**
> share2u-008000.local

You can access the device using any browser and enter the URL with the **.local** suffix or the IP address of the unit if you have this information. You will be prompted with a login dialog. At first connection, the device will ask you to configure a new password.

When you enter the web interface, you will get access to the general information of the device. This information is always available when you navigate through the tabs.

- General section with firmware version, MAC address, IP address and serial number of the unit.
- Status of the USB and HDMI inputs

- Status of the video outputs
- Buttons to reboot the unit and the logout action.

STATUS TAB

This section contains all the firmware information, video sources detections/resolutions along with the actual configuration of the unit.

STATUS	SETTINGS	SYSTEM	RESOURCES

GENERAL

Firmware version	2.0.13		
USB Controller version	2.26		
Video processor version	2.6		
OS version	2.0.7		
EDID version	1		
MAC address	f8:dc:7a:7b:10:a4		
IP Mode	DHCP		
IP address	192.168.0.136		
Subnet Mask	255.255.255.0		
Gateway	192.168.0.1		
Generation version	3.0		

DEVICE CONFIGURATION

Standby mode	Disabled
USB Speed	USB 3.0
USB Audio input	Disabled
USB Audio output	Disabled
USB Audio AEC	Disabled

Video inputs

USB 1

Resolution	No video

USB 2

Video outputs

USB

Resolution	1920x1080

HDMI

SETTINGS TAB

AUDIO

The device embeds an audio mixer. You have complete control over USB 2.0 and HDMI inputs and output. You can also mute and adjust gain on I/Os. You can also restore default configuration by clicking "Restore defaults" button. There are three modes for the audio mixer:

Automatic audio selection:
This mode gives priority on the analog input. Otherwise, USB inputs are sent over USB.

When device is set to USB#1, audio mic from that port will be taken. When device is set to USB#2, audio mic from that port will be taken. If we are into another mixing mode, both audio mics will be mixed.

HDMI input audio is always mixed with the USB 2.0 and/or analog inputs. You can mute HDMI audio by clicking on MUTE button.

Mix audio:
This mode mixes audio from all USB 2.0 and analog inputs. HDMI input audio is always mixed with the USB 2.0 and/or analog inputs. You can mute HDMI audio by clicking on MUTE button.

USB

Here are also the features of the Host USB Audio section:

Enable USB audio output: This will enable speaker interface on your computer.

Enable USB audio input: This will enable microphone interface on your computer.

Enable AEC interface: This will report an AEC interface on your computer. Especially useful if you have connected a USB or analog device which is already dealing with AEC.

IMAGE CONTROLS

IMAGE CONTROLS   ∨

Select image orientation for each video input

USB #1	USB #2	HDMI
ORIGINAL	ORIGINAL	ORIGINAL

You can do a vertical / horizontal flip of each video inputs if it is necessary.

MISCELLANEOUS

MISCELLANEOUS   ∨

Allow standby mode

Allow camera sleep when unit is not in use

On	**Off**

- Allows you to disable video capture from the cameras if the INOGENI device is not in use. If the HDMI output of the device is active, this setting is overridden.

OUTPUTS

OUTPUTS   ∨

Blank

On	**Off**

Output Resolution

Auto EDID   ∧

- Blank
    - o   Will turn ON/OFF the sync over HDMI output.
- Output resolution
    - o   You can set the HDMI output resolution to your choice.

SYSTEM TAB

SECURITY

STATUS	SETTINGS	**SYSTEM**	RESOURCES

SECURITY ⌄

Login info

Change the login info

Old password: *

New password: *

Confirm new password: *

* mandatory fields   Save

Telnet Connection

On   Off

- Login info
    - o Ability to change the current password of the device.
- Telnet connection
    - o Allows the device to be connected to a telnet client.

WEB INTERFACE CONFIGURATION

WEB INTERFACE CONFIGURATION ⌄

HTTP Server		Authentication	
On	Off	Use Token	**No Token**

API access token

Get access token	Generate access token	Delete access token

- Ability to turn on or off the HTTP server.
- Allows the authentication token.
- API access token can be accessed, generated or deleted using those buttons.

NETWORK

NETWORK ⌄

IP Mode

Static	**DHCP**

IP address	192.168.0.136
Subnet mask	255.255.255.0
Gateway	192.168.0.1

- IP mode
    - o Device can be configured using DHCP or static IP address.
    - o If static IP addressing is selected, you can set IP address, subnet mask and gateway.

UPDATE

UPDATE ⌄

Download the latest firmware packages https://inogeni.com/support/software-tools/

Manual firmware update

Choose the firmware package	Browse
Firmware version name	<FIRMWARE VERSION NAME>

Upload

Factory default

Reset

- You can force a specific firmware package (ZIP file) after clicking on the Browse button. Click on "Upload" button to proceed to the update.
- If you need to do a factory reset of the product, you can click on the "Reset" button.

RESOURCES TAB

STATUS	SETTINGS	SYSTEM	**RESOURCES**

GUIDES	DEVICE CERTIFICATIONS
SHARE2U - User Guide	FCC-CE-RoHS-IEC62368 - Declaration of Conformity
SHARE2U - REMOTE User Guide	SoV - Declaration of Volatility
SHARE2U - Data Sheet	TAA - Declaration of TAA Compliance
SHARE2U - Brochure	

In this section, you will have access to the latest documentation.

- User guide
- Datasheet
- Brochure
- Device certifications

INOGENI MAESTRO APPLICATION

You can use our INOGENI Maestro application to monitor firmware information and upgrade your unit. All settings explained in the web interface section apply to the Maestro application.

⚠️ **NOTE:** You need to use the USB-B to USB-A cable provided with the box for the Maestro application to detect the unit.

The INOGENI Remote needs to be connected to the terminal block port in order to operate. Apply wiring accordingly. This remote is sending serial commands to the device. Make sure to set the **DIP SW6** below the device to ON in order to apply power to the remote before going further. See "DIP SWITCHES" section and user manual of the INOGENI REMOTE for more details.
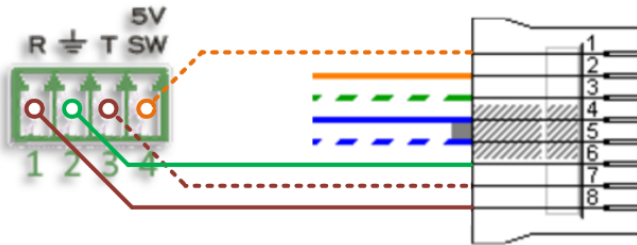
⚠️ **Do not plug a RJ45 cable between the INOGENI device and the REMOTE.**

Terminal block:
Pin 1: Receive
Pin 2: GND
Pin 3: Transmit
Pin 4: 5V supply

RJ45:
Pin 1: 5V supply
Pin 2,3,4,5: NC
Pin 6: GND
Pin 7: RX
Pin 8: TX

You can find the mechanical specification of the device. All dimensions are in **mm [in]**.
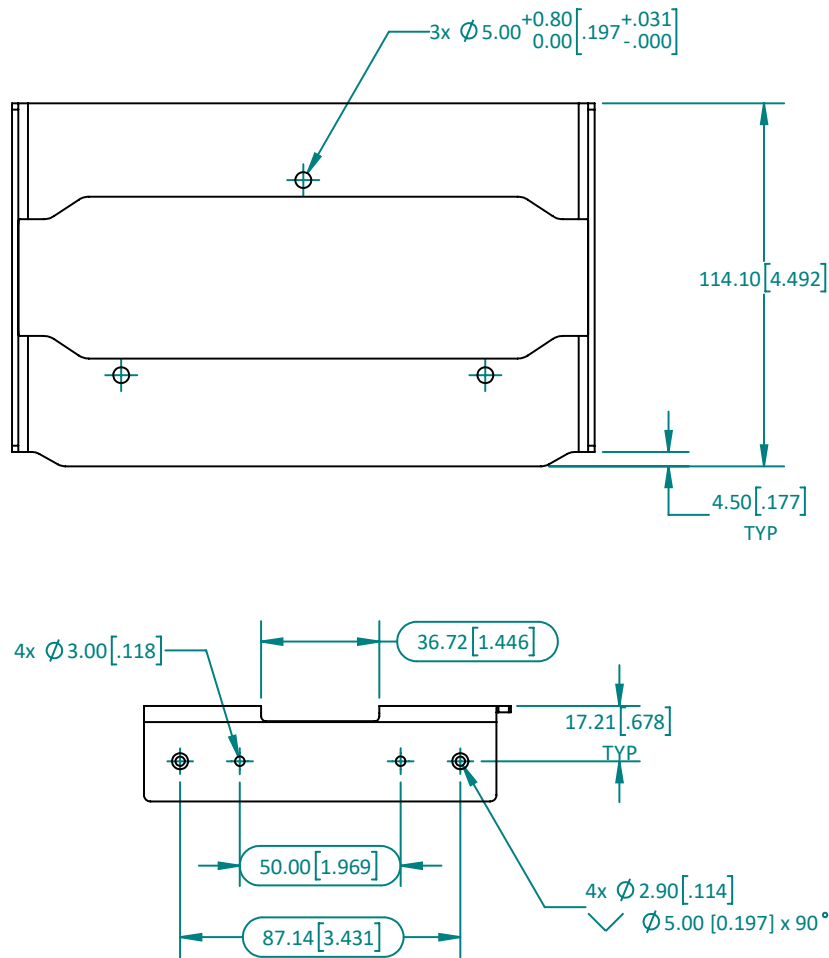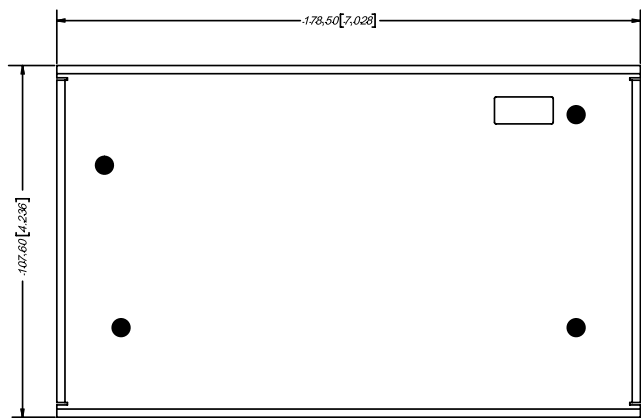

Figure 3: Top plate dimensions
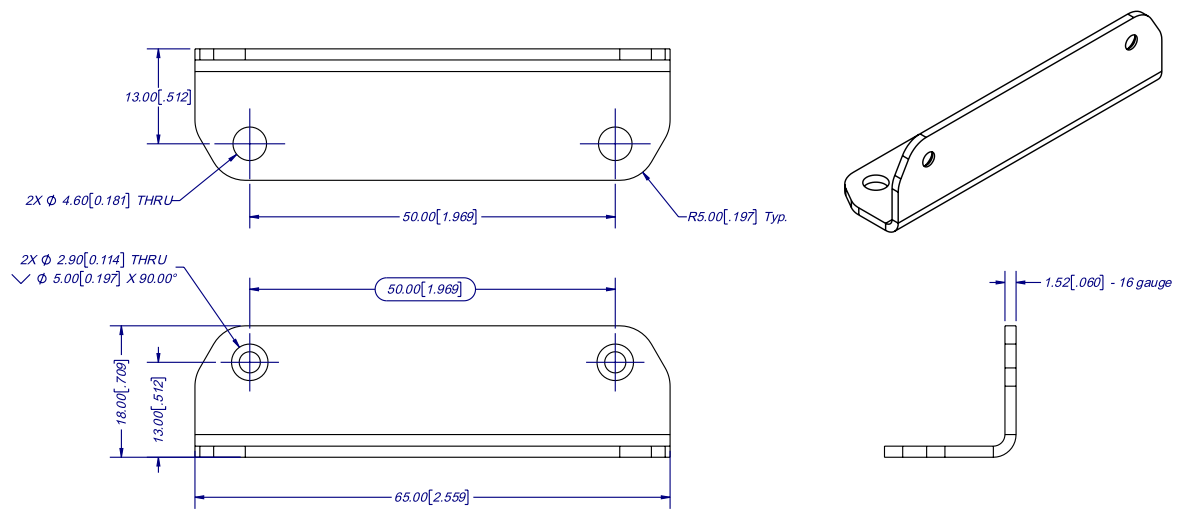

Figure 4: Bottom plate dimensions and holes positions

Figure 5: Bracket dimensions

DIP SWITCHES

Here you can find the behavior of the DIP switches located at the back of the unit.

Switch	Position	Description
SW1	OFF	USB resolution is 1080p only. This will force application to take high quality video. (default)
	ON	Multiple USB resolutions available.
SW2	OFF	For future use.
	ON	
SW3	OFF	Frame buffer frequency is set to 60Hz. (default)
	ON	Frame buffer frequency is set to 50Hz.
SW4	OFF	For future use.
	ON	
SW5	OFF	Reserved.
	ON	
SW6	OFF	Disable 5V on terminal block (default)
	ON	Enable 5V on terminal block. This switch must be set to power up the connected remote.

Engineered by video professionals, for video professionals, it is your most compatible USB 3.0 device. INOGENI expertise at your fingertips:

- **Expert Technical Support team** at support@inogeni.com for immediate help or if you have any technical question about our products.
- Extensive **Knowledge Base** to learn from other customers' experiences.

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CERTIFICATIONS

FCC Radio Frequency Interference Statement Warning
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received including interference that may cause undesired operation.

IC Statement
This Class A digital apparatus complies with Canadian CAN ICES-3(A)/NMB-3(A).

CE Statement
We, INOGENI Inc., declare under our sole responsibility that this product, to which this declaration relates, is in conformity with European Standards EN 55032, EN 55035, and RoHS Directive 2011/65/EU + 2015/863/EU.

UKCA Statement
This device is compliant with the Electromagnetic Compatibility Regulations 2016 No. 1091 as part of the requirements leading to the UKCA marking.

WEEE Statement
The European Union has established regulations for the collection and recycling of all waste electrical and electronic equipment (WEEE). Implementation of WEEE regulations may vary slightly by individual EU member states. Please check with your local and state government guidelines for safe disposal and recycling or contact your national WEEE recycling agency for more information.

RCM Statement
This device is compliant with Regulator Compliance Mark (RCM) certification.

NOM Statement
This device is compliant with the NOM-019 standard.