

Elevate your  
video meeting  
experience



Product Presentation

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**INOGENI**

Elevate your  
video meeting  
experience

# INOGENI

PRO AV DEVICES  
MIX / SWITCH / CONVERT



zoom

webex  
by CISCO



# PRO AV DEVICES MIX / SWITCH / CONVERT

## MIXER/SELECTOR for USB/HDMI CAMERAS

- SHARE2, SHARE2U, CAM300 and CAM230
- Picture-in-Picture
- RS-232 & LAN Control



## VIDEO CAPTURE to USB 3.0

- HDMI, 4K with HDMI loop
- SDI, DVI, VGA
- USB 2.0 compatible



## BYOM SWITCHER TOGGLE

- Switch between two PC hosts
- 3 USB devices
- RS-232 & GPI Control



## CONVERTER USB CAMERA to HDMI U-CAM

- USB camera source
- HDMI output
- RS-232 & LAN control



## EXTENDER USB 2.0 U-BRIDGE

- USB2.0 extension
- Flexible power option
- Compatible with all INOGENI devices



# 15 Years of Mastering AV technology

## Premium AV conferencing experiences

- Highly stable signal
- Advanced video processing to
  - USB 3.0 1080p 4K
  - USB 2.0 1080p MJPEG

## Compatible by design

- Partnerships with Cisco Webex, Barco, Huddly, Crestron, Jabra
- Teams and Zoom friendly

## Peace of mind installation

- Plug & Go - No driver required
- Responsive support team
- High quality/security - manufactured in Canada



AV AWARDS WINNER



INOGENI

# PRO AV

## Market Applications



Video  
conferencing,  
webcasts



Tele-health  
and medical  
equipment



Web  
training



HyFlex  
classrooms



Lecture  
capture



## Audio & Video

## Compatible by Design

## PC & Room Systems

## Streaming & Display



logitech

poly Jabra®

Huddly

HuddleCamHD

Microsoft®

AVer™

P T Z OPTICS

# INOGENI



CISCO



BARCO ClickShare

poly



CRESTRON



zoomrooms

BlueJeans

Google Meet

Adobe Connect

]pexip[

slack

GoToMeeting

Vidyo

# Control Options

Simple integration  
with your control system

- Crestron/Extron/AMX and Q-SYS modules
- RS-232
- LAN HTTP and TCP
- USB HOST Interface
- API engineering available





**USB 3.0 Cable Extension Problems!**  
Difficult and expensive to extend past 10 ft. \ 3m.



**MJPEG  
Solution on  
USB 2.0**

All INOGENI products support USB 3.0 and include high-quality MJPEG encoder on USB 2.0

- Minor loss of quality over USB 2.0
- Affordable and reliable to extend +100 ft. \ 33 m.



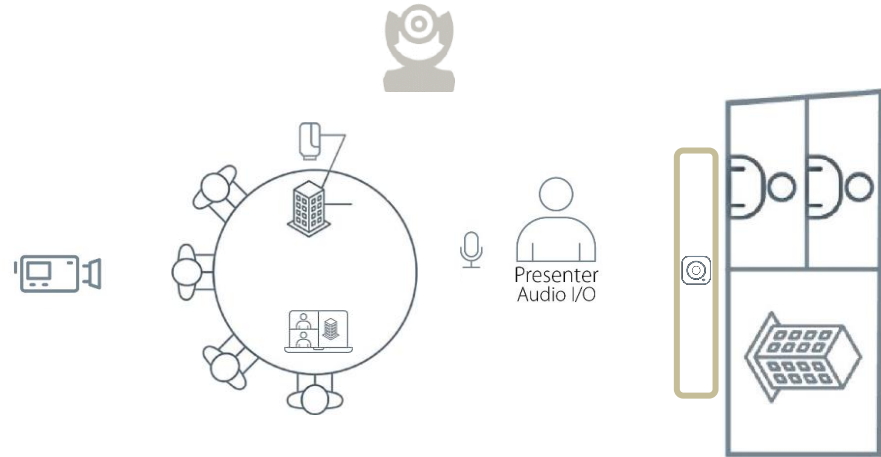
# Multiple Camera Benefits

## Multiple point of view

- Presentor view
- Audience view
- Object of interest views
- White board

## Better user experience

- More Engaging meeting
- Meeting equity
- More dynamic meeting





Easy and versatile video camera mixers to USB 3.0 for advanced HyFlex classrooms or meeting collaborations

### SHARE2

2 HDMI CAMERAS  
MIXER to USB 3.0



### SHARE2U

1 USB + 1 USB or HDMI  
CAMERA MIXER to USB



### CAM-300

2 USB & 2 HDMI CAMERA  
SELECTOR to USB 3.0



### CAM-230

2 USB & 1HDMI CAMERA  
SELECTOR to USB 2.0



### REMOTE

CONTROL KEYPAD  
of SHARE2 / 2U & CAM 300





# SHARE 2

2 HDMI CAMERA MIXER  
to USB 3.0



# SHARE2

## 2 HDMI camera mixer



2 HDMI CAM



Mixer control  
LAN, RS-232



USB 3.0



Easy Plug&Go mixer  
for Picture-in-Picture  
in one video flow

- 2 HDMI input
- Audio I/O
- USB 3.0 output
- LAN/ RS-232 control options
- Compatible by design with all apps

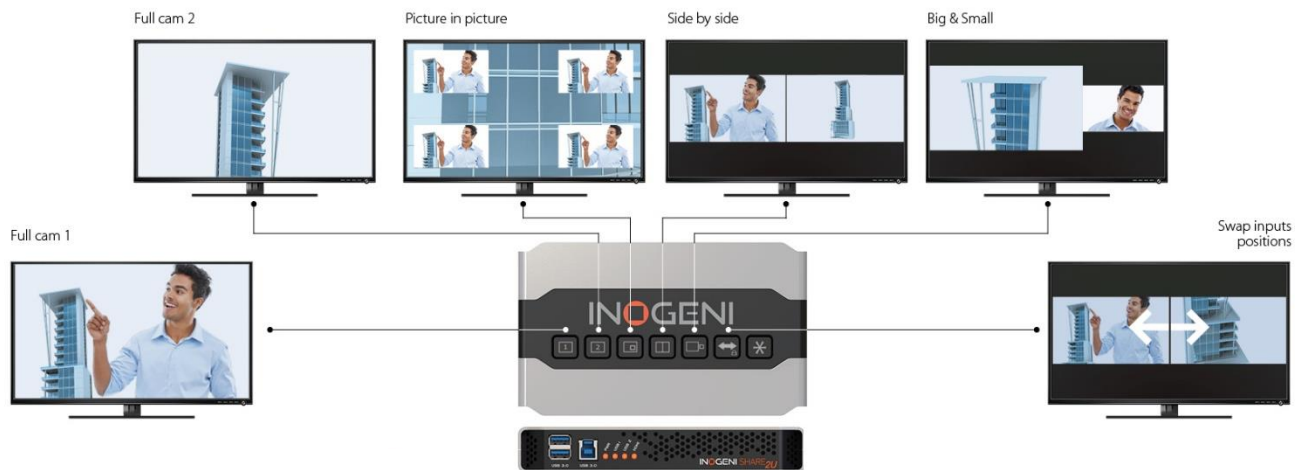


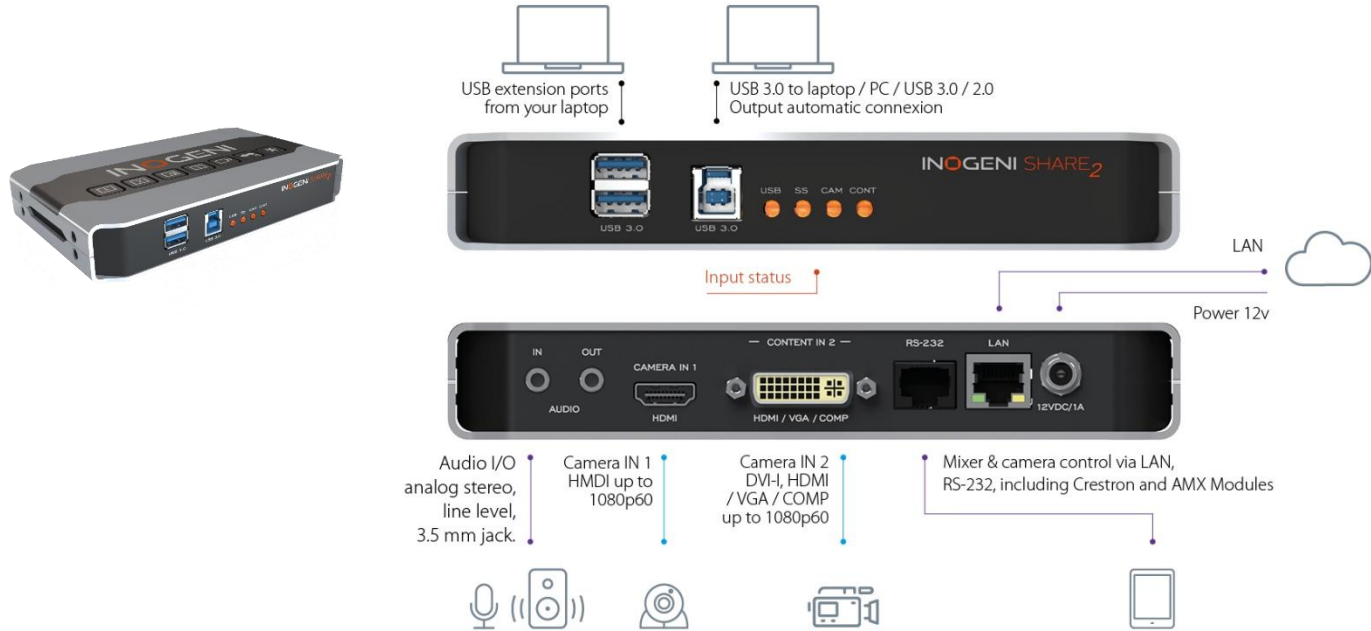
zoomrooms



SHARE2  
2 HDMI camera mixer

# Amaze your audience with a 2 camera mixer







# SHARE2 U

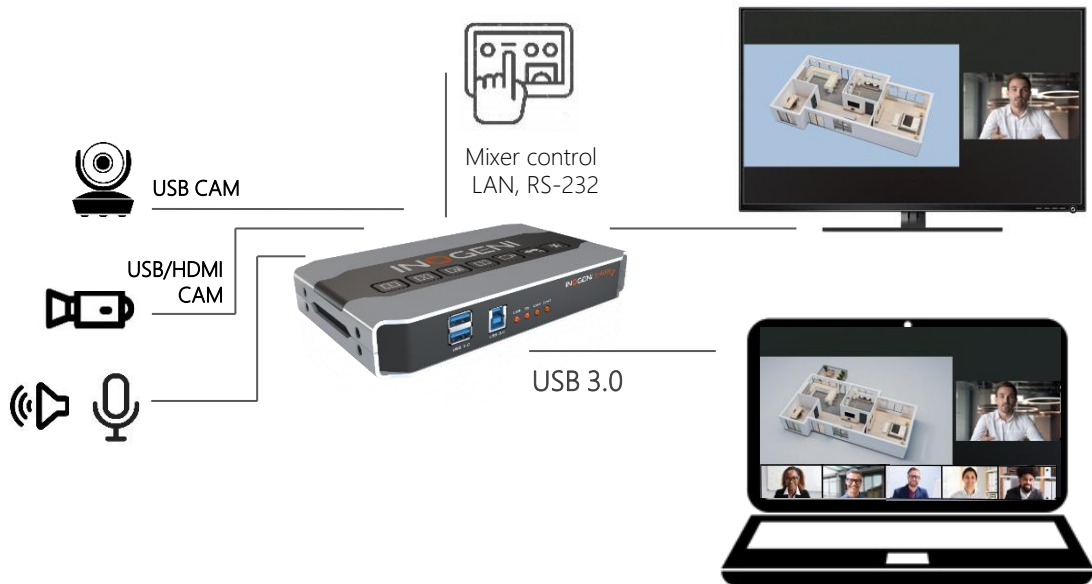
1 USB + 1 USB or HDMI  
CAMERA MIXER to USB 3.0



# SHARE2U

2 USB 2.0 and 1 HDMI camera mixer

INOGENI



Easy Plug&Go mixer  
for Picture-in-Picture  
in one video flow

- 2 USB 2.0 and 1 HDMI
- Audio I/O
- USB 3.0 output
- LAN/ RS-232 control options
- Compatible by design with all apps

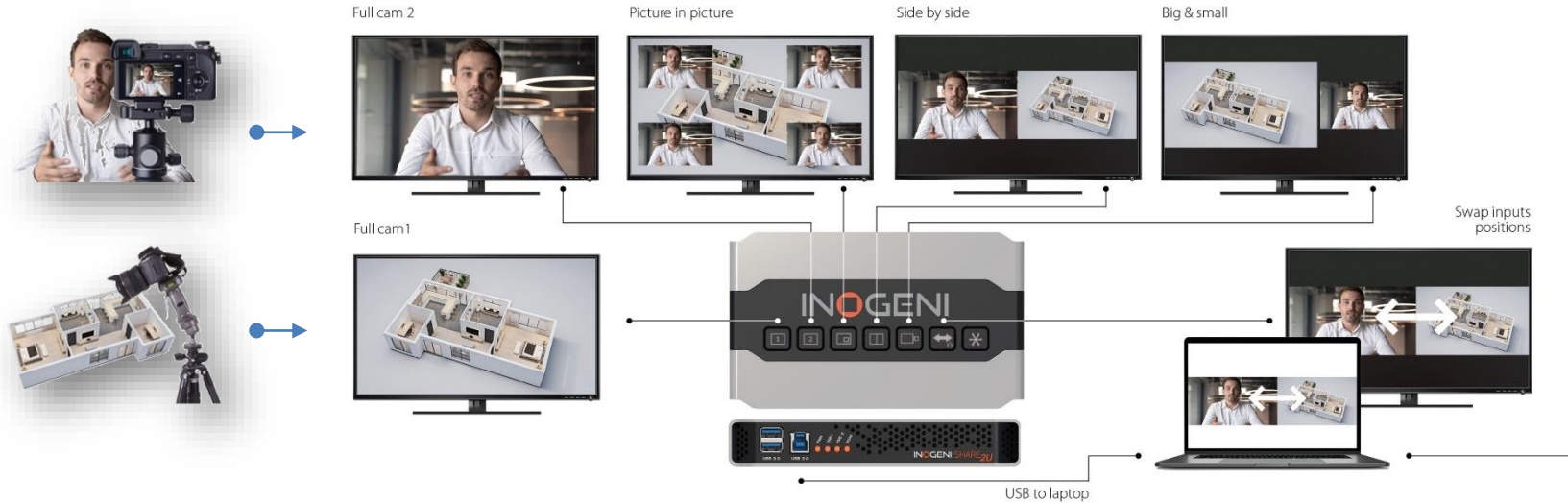




# SHARE2U

2 USB 2.0 and 1 HDMI camera mixer

Energize your videoconference and classroom presentations



# INOGENI SHARE2U

HOW TO CONNECT YOUR DEVICES / AUTOMATICALLY CONNECT WITH ALL APPS WITHOUT DRIVERS

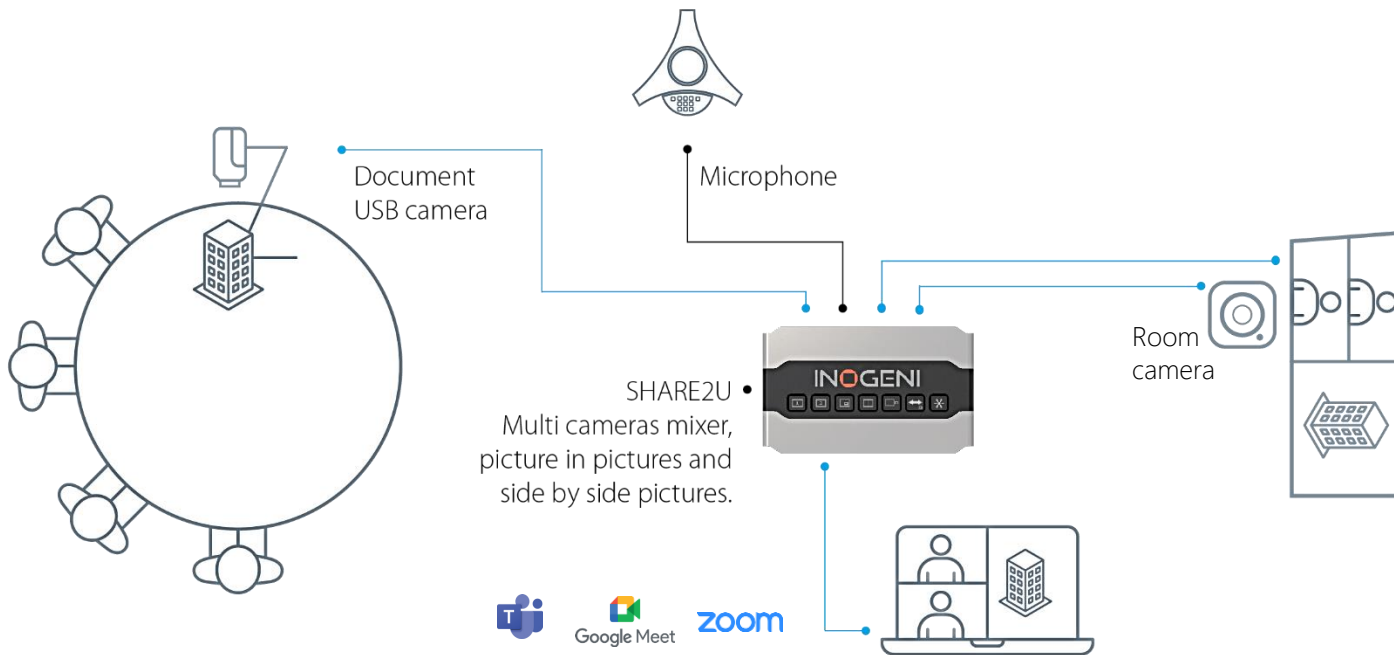
User groups / Collaborative meetings



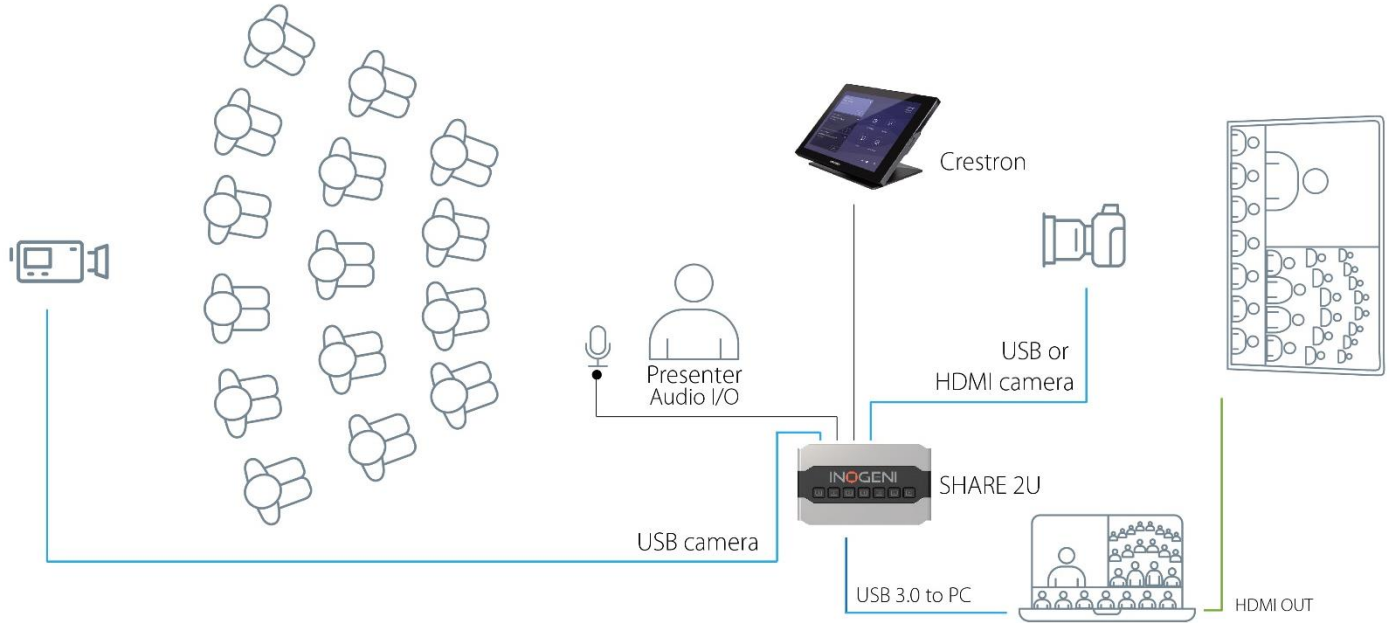
# INOGENI SHARE2U

Huddle meeting room/ MIX 2 USB3 / HDMI CAMERAS OR CONTENT IN ONE STREAM

User groups / Collaborative meeting room



User groups / Small conference room - Lecture room



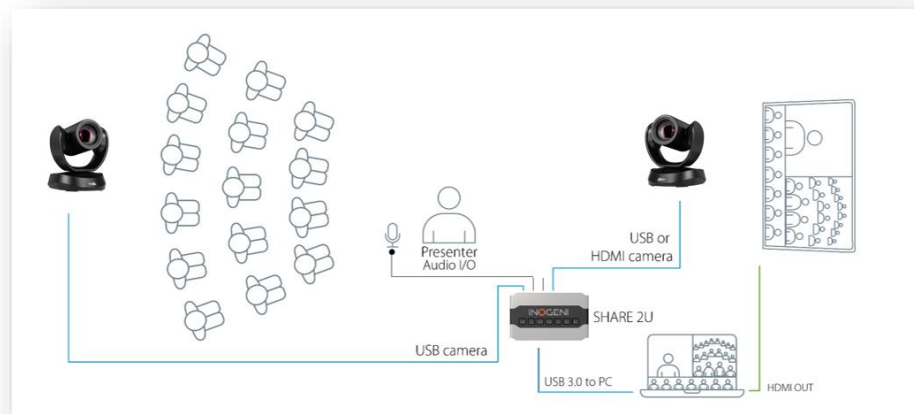
# Saint-Xavier University

Chicago, IL

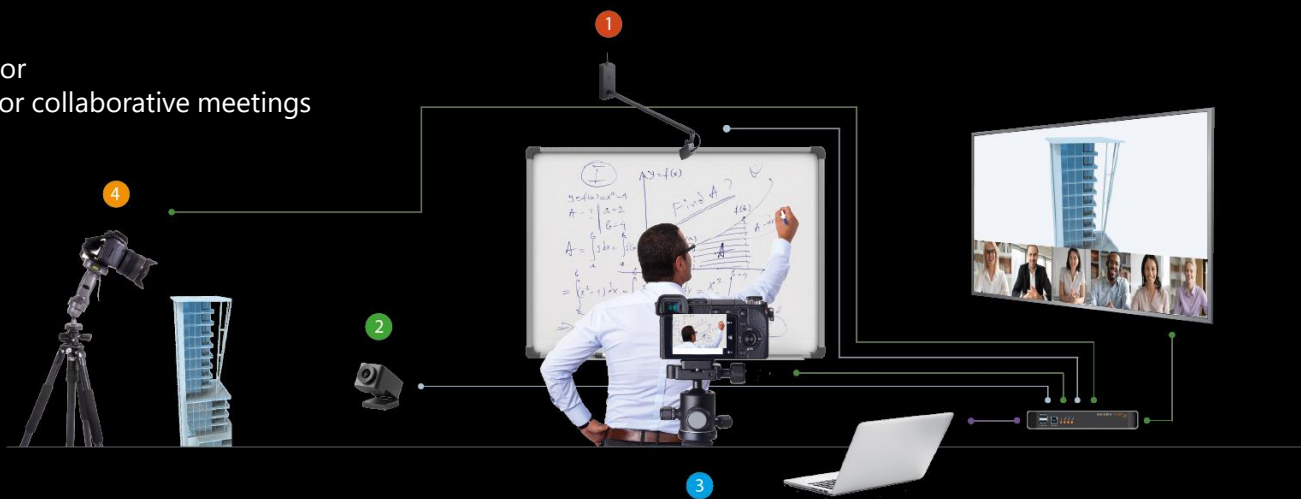
**Pilot project with the nursing department to standardize all classrooms on the campus**

**74 Installations (2021-2022)**

- 1x INOGENI SHARE2U
- 2x AVER Cam 520 PRO 2 / USB 3.0
- 1x Dedicated room PC
- 1x Microphone



Multi camera selector  
HyFlex Classrooms or collaborative meetings



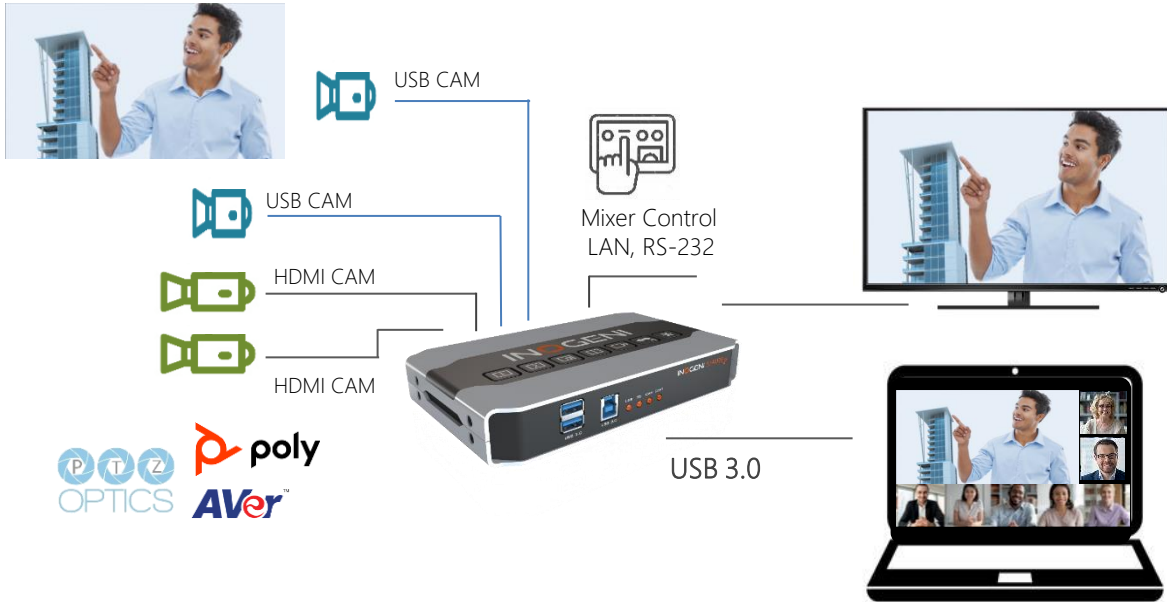
# CAM300

2 USB + 2 HDMI CAMERA  
SELECTOR to USB 3.0



# CAM 300

2 USB 2.0 and 2 HDMI camera selector



## Easy Plug&Go camera selector

- Seamless switch between 2x USB and 2x HDMI sources
- Simultaneous HDMI & USB 3.0 output
- USB/HDMI embedded audio
- LAN/ RS-232 control options
- Compatible by design with all apps



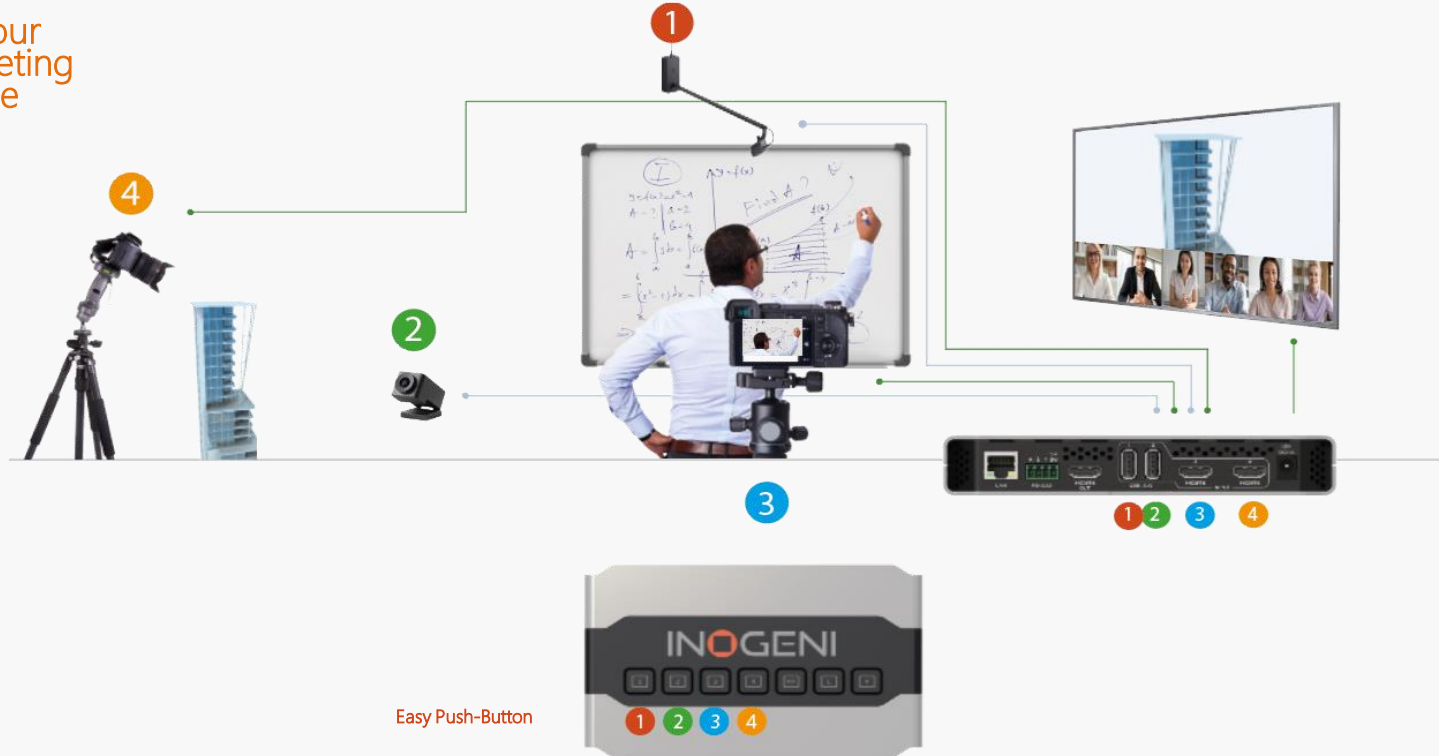
# INOGENI CAM300

## 4 VIDEO SOURCES SELECTOR

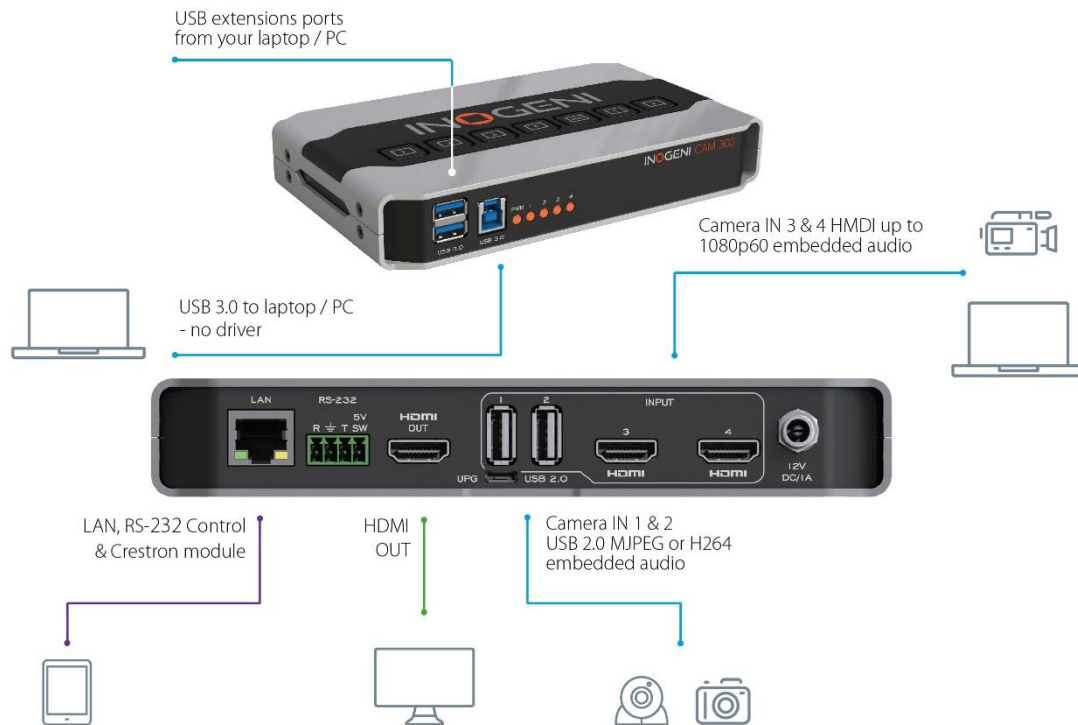
User groups / Hyflex Classroom or Collaborative meeting room / Automatically connect with all apps without drivers



Elevate your video meeting experience







Multi camera selector  
HyFlex Classrooms or collaborative meetings



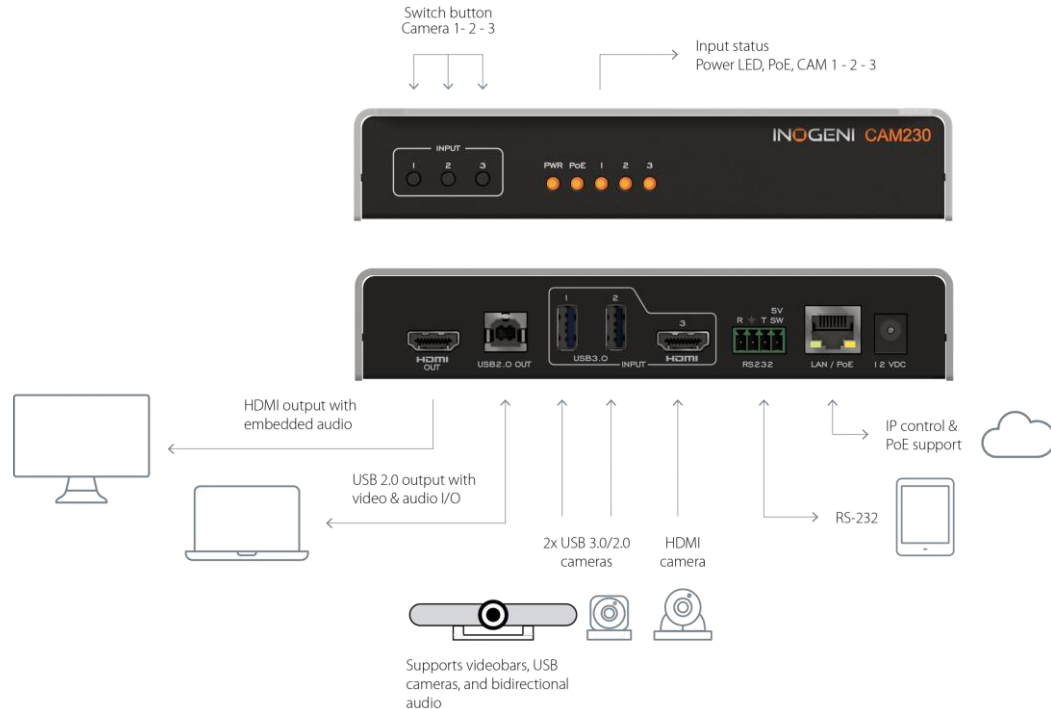
# NEW! CAM230

2 USB + 1 HDMI CAMERA  
SELECTOR



# NEW! CAM230

2 **USB** 3.0/2.0 and 1 **HDMI** camera selector



## Easy Plug&Go camera selector

- Seamless switch between 2x USB 3.0/2.0 and 1x HDMI sources
- Simultaneous HDMI & USB 2.0 output
- USB/HDMI embedded audio
- LAN/ RS-232 control options
- Powered by PoE
- Compatible by design with all apps





# REMOTE

CONTROL KEYPAD  
of SHARE2 / 2U & CAM 300



# REMOTE

Remote control of SHARE2, SHARE2U and CAM 300



SIMPLE CONNECTION WITH cat5 CABLE

SHARE2

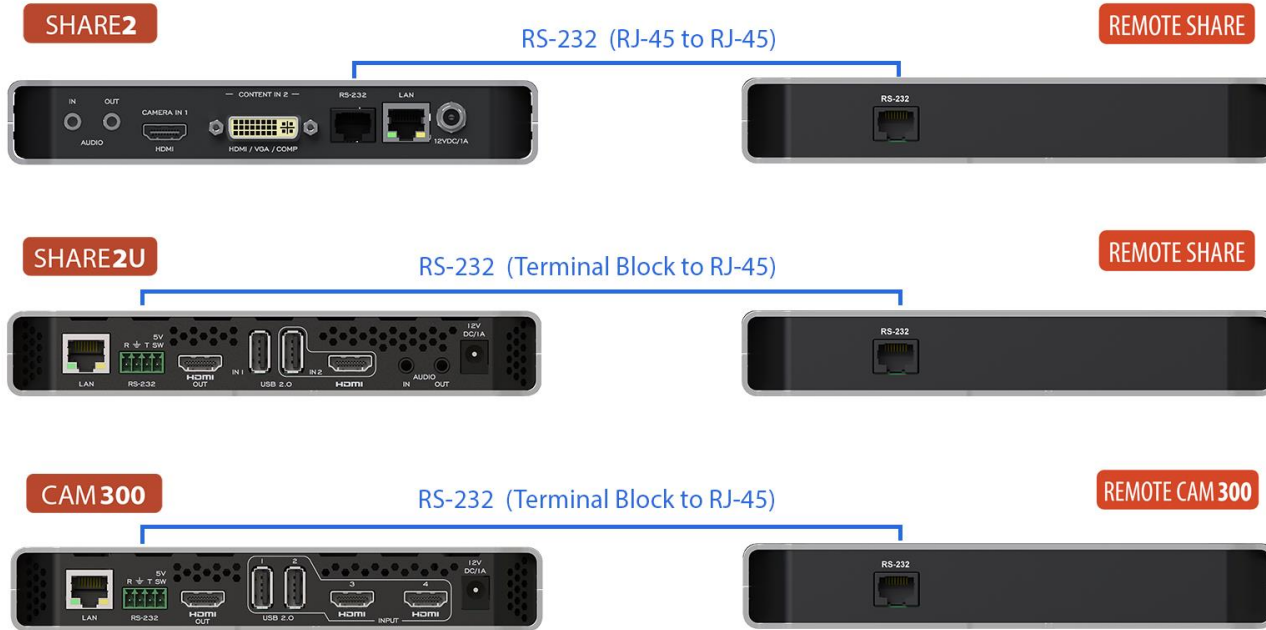
SHARE2U

CAM-300



# REMOTE

Remote control of SHARE2, SHARE2U and CAM 300



# TOGGLE

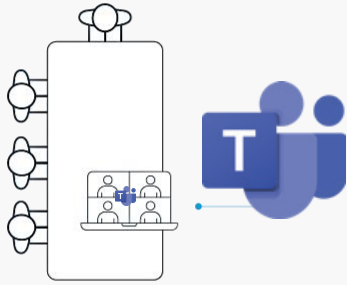
## USB BYOM SWITCHER

3 USB devices  
& Host Switch





How do you use  
your  
*ZoomRoom devices*  
in a Teams  
meeting?  
?



USB CAMERA



USB MICROPHONE



SHARE 2U



zoomrooms





zoomrooms

RS-232 Control 3 USB 3.0/2,0



USB Host Switch

- Auto-switch
- Controllable by RS-232 & GPI

Ultra-flexible installation / Wireless BYOM or wired videoconference system



- Increase the number of cameras and active USB devices for a more engaged BYOM/ BYOD experience.
- Increase versatility; secure and stabilize your connection with a direct wired USB 3.0 connection to the videoconference system.



Select your preferred videoconference system





# NEW ! U-BRIDGE

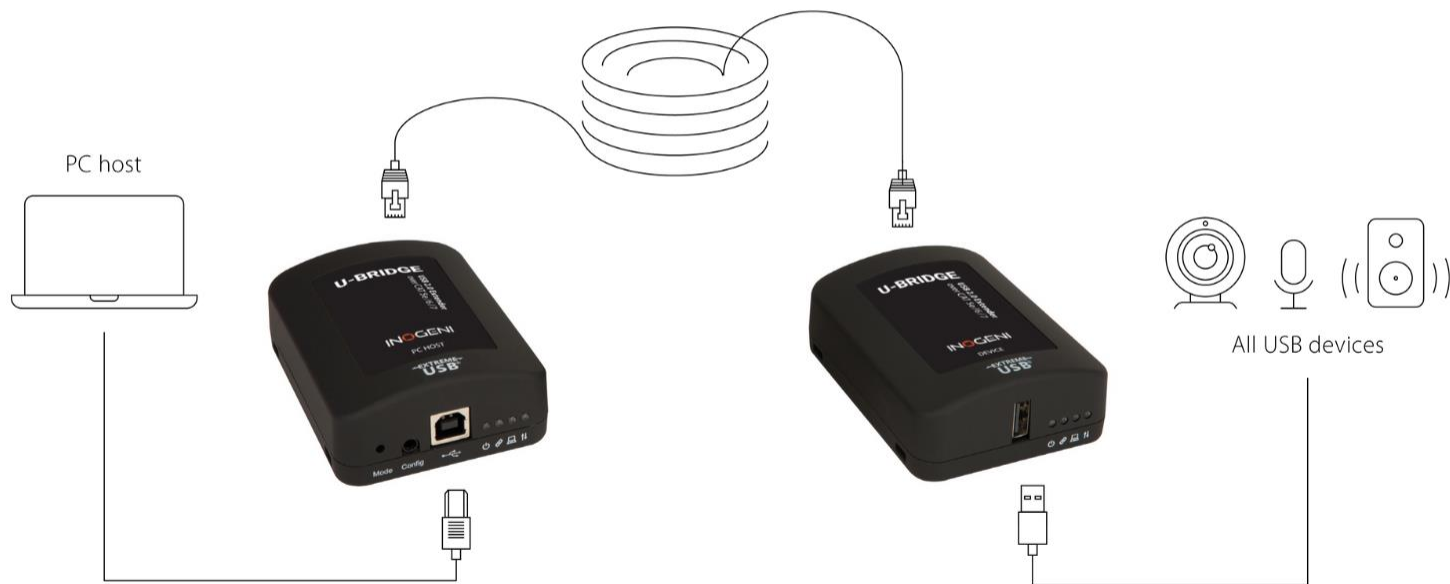
USB2.0 camera or device  
extender



# U-BRIDGE

USB 2.0 camera  
or devices extender

Extend USB 2.0 connection up to 100 m /330 ft.  
over a single CAT 5e/6/7 cable.



**2022** **BEST OF**  
**SHOW**  
InfoComm  
**AV TECHNOLOGY**  
**WINNER**



USB 3.0 Camera  
to HDMI converter

# U-CAM

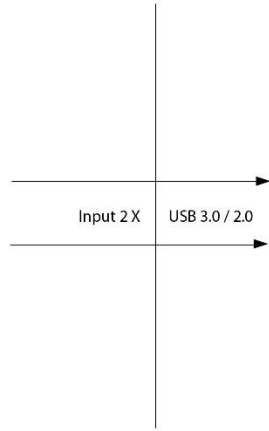
USB camera + USB microphone to HDMI



## Convert USB Devices to HDMI System or Monitor

New Product Innovation

PRO AV USB Cameras + Microphone  
in your HDMI setup



USB 2.0  
Camera Output



RS-232 Control

HDMI  
4K



HDMI CODEC



HDMI monitor



HDMI matrix

### INOGENI U-CAM

HDMI Out up to 4K  
with embedded audio

RS-232 Control

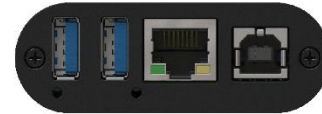
Power 12V



Camera or Audio In  
USB 3.0 / 2.0

LAN

USB Camera  
output to Laptop





HUDDL Y CANVAS WHITEBOARD CAMERA

USB 3.0 / 2.0



HDMI 4K



**SUPPORT CISCO SYSTEM**

- ROOM KIT
- ROOM KIT PLUS
- ROOM KIT PRO
- PRO ROOM SERIES
- ROOM 70
- ROOM 55
- ROOM PANORAMA
- MX700
- MX800
- SX80



**NEW**



**Available Now!**  
Enabling BYOM on  
Cisco Webex Room Series

# 4KX-PLUS

HDMI to USB 3.0 capture device

Enabling BYOM on Cisco Webex Room Series

# 4KX-PLUS

## Unlocking BYOM in a Webex Environment

### Webex Devices Portfolio

#### Desk Series



Webex Desk Pro



USB pass-through native



Webex Desk Mini



Webex Desk Hub

#### Room Series



Webex Room 55



Webex Room 55D



Webex Room 70S G2



Webex Room 70D G2



Webex Room Panorama

USB pass-through native

Webex Room USB

Webex Room Mini



Webex Room Kit



Webex Room Kit Plus



Webex Room Kit Pro

#### Board Series



Webex Board 55



Webex Board 70



Webex Board 85

USB pass-through native

Webex Board Pro 55

Webex Board Pro 75

## 4KX-PLUS

Convert Ultra HD to USB 3.0 with HDMI loop analog audio, and external power



# 4KX-PLUS

HDMI to USB 3.0 capture device  
Enabling BYOM on Cisco Webex Room Series  
Equipment (cameras & microphones)

## Cisco Webex Room Kit Plus application



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



4KX-PLUS with Webex devices support  
(connected to **multiple** display)

4K2USB3 with Webex devices support  
(connected to only **one** display)

# 4KX-PLUS

Enable USB mode on [Cisco Webex Touch 10](#)



Enable USB mode



**Short Demo by Cisco**

<https://youtu.be/42V0Loq0vdU>



**Detailed Demo by cisco**

<https://youtu.be/R5Hde9Zvbvw>



# Compatible USB Peripheral with Webex Systems

Support type	Webex Devices
Native USB <i>Supported by default, nothing else needed</i>	Desk Mini, Desk, Desk Hub, Desk Pro, Board Pro 55, Board Pro 75
Macro for Inogeni <i>Requires Inogeni and a macro</i>	SX80, MX700, MX800, Room Kit, Codec Plus, Codec Pro, Room55/55D, Room 70/70D, Room 70 Panorama, Room Panorama
Native Inogeni <i>Requires Inogeni</i>	Room Kit, Codec Plus, Codec Pro, Room55/55D, Room 70/70D, Room 70 Panorama, Room Panorama
No support	C-Series, MX200, MX300, SX20, Board 55/55s, Board 70/70s, Board 85s

# INOGENI

## USB 3.0 VIDEO CAPTURE

Multi signal converter  
to USB 3.0/2.0

- High-quality signal
- Compatible by design
  - Plug & Go with all video+cam peripherals
- Ease of use & to install
  - USB 2.0 compatible, easy and reliable to extend with USB 2.0 extender



# 4KXUSB3

4K Ultra HD to USB 3.0 with HDMI loop and analog audio





# 4K2USB3

HDMI to USB 3.0



4K HDMI



USB 3.0/2.0 TO HOST



# HD2USB3

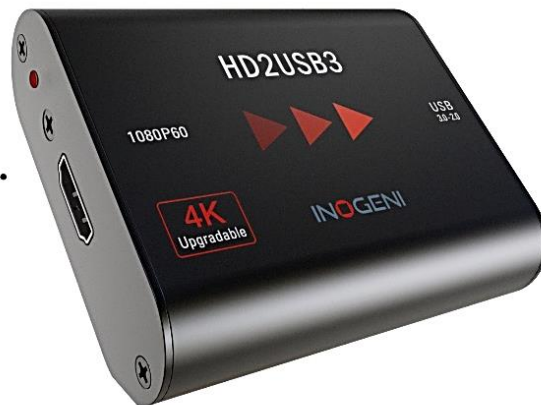
HDMI to USB 3.0



## 4K Upgradable 1080p60 HDMI to USB 3.0 converter



HDMI



USB 3.0/2.0 TO  
HOST



# SDI2USB3

3GSDI to USB 3.0 with a loop



<b>INOGENI CONVERTERS</b>	<b>INPUT</b>	<b>OUTPUT VIDEO AND AUDIO</b>		<b>FEATURES</b>	
<b>4KX-PLUS</b>	HDMI 4K	USB 3.0 2.0 MJPEG	HDMI LOOP	Audio Analog I/O	Ext. Power
<b>4KXUSB3</b>			HDMI LOOP	Analog I/O	RS-232 VISCA
<b>4K2USB3</b>					
<b>HD2USB3</b>	HDMI 1080p			Upgrade to 4K	
<b>SDI2USB3</b>	3G SDI - 1080p		SDI LOOP		
<b>U-CAM</b>	2 X USB 3.0 / 2.0	HDMI 4K	USB 2.0 Passthrough	R-232, LAN	Ext. Power
<b>DVIUSB</b>	DVI/HDMI 1080p	USB 3.0 2.0			



# Q & A

**INOGENI**

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[support@inogeni.com](mailto:support@inogeni.com)