

# CAM230

## SWITCH 1 OF 3 USB/HDMI CAMERAS TO USB OR HDMI

### DEVICE CONNECTORS



- Compatible with the Q-SYS Core processors
- Compatible with Barco ClickShare Conference (CX-20, CX-30 & CX-50)
- Nureva audioconferencing system + CAM230 enables easy multi-camera switching in larger spaces.
- Controllable by RS-232 and IP
  - Switch the camera via your videoconferencing pad or with the push button
- 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

The INOGENI CAM230 is a USB and HDMI multi-camera switcher that helps improve meeting equity in virtual meetings. With its easy-to-use camera switching capabilities and support for bidirectional audio with videobars, facilitators can ensure that all participants have equal opportunities to speak and contribute. The CAM230 also supports whiteboard and document cameras for added collaboration and productivity.

- 3 video sources (2x USB 3.0/2.0 and 1x HDMI) clean switcher into a single video flow
- Video output for CODECs, matrixes, monitors and laptops for BYOM settings
  - HDMI 2.0
  - USB 2.0 MJPEG – 1080p30
    - Unmatched clarity and detail with our UVC MJPEG 1080p30 High-Quality Video
- Instantly change camera and video configurations without interrupting the presentation
- Ideal for remote education, collaborative meetings, webinars, and live-streaming
- 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



### WHAT'S IN THE BOX

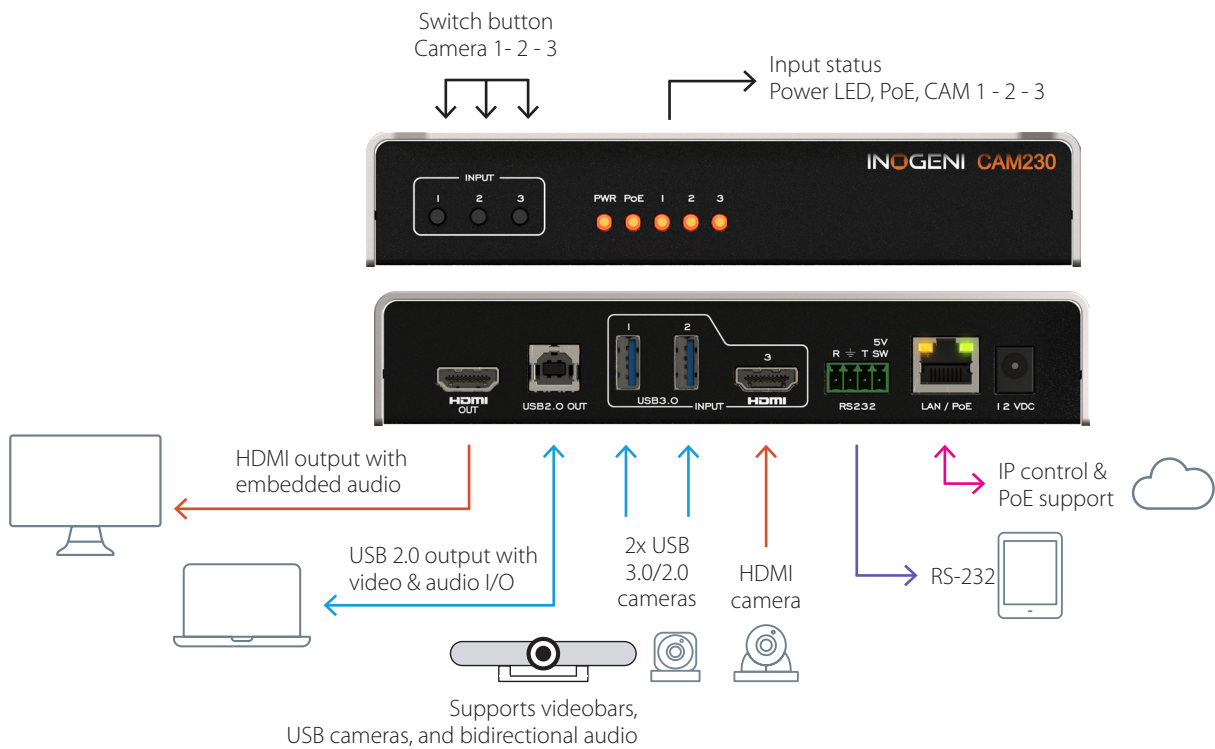
- 1x 1 m/3.3 ft USB 2.0 cable (Type-A to Type-B)
- 1x RS-232 terminal block adapter
- 1x power supply 100-240 VAC 50/60Hz to 12V/1.2A DC
  - International adapters included in the box (AUS, EUR, UK and US)

### HOW DOES IT WORK?

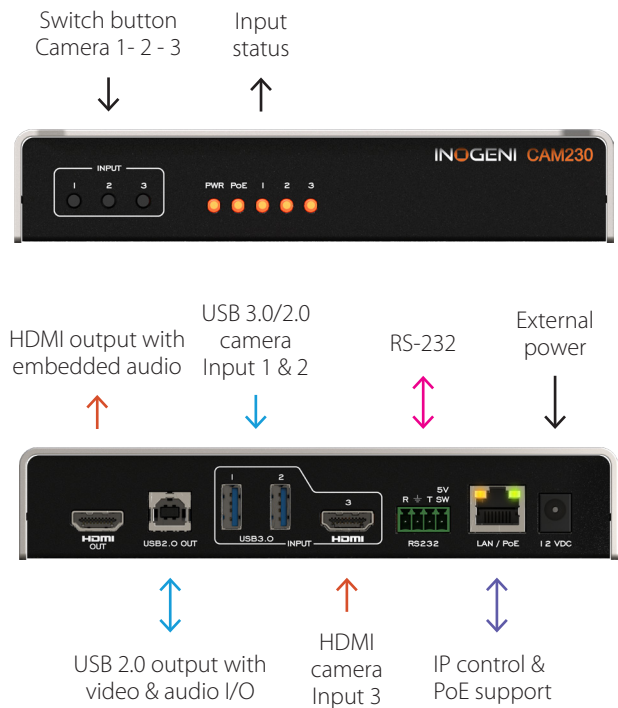
The INOGENI CAM230 is a USB and HDMI multi-camera switcher that helps improve meeting equity in virtual meetings. With its easy-to-use camera switching capabilities and support for bidirectional audio with videobars, facilitators can ensure that all participants have equal opportunities to speak and contribute.

The CAM230 also supports whiteboard and document cameras for added collaboration and productivity.

FEATURED CONNECTORS



DEVICE INTERFACES



## TECHNICAL SPECIFICATIONS

## VIDEO INPUT

#1 Connector & video resolutions	1x USB 3.0/2.0 camera Uncompressed, YUYV/NV12/ I420 – 1080p30 (*) MJPEG – 1080p30 (*) Support for 1080p60 in a future release
#2 Connector & video resolutions	1x USB 3.0/2.0 camera Uncompressed, YUYV/NV12/ I420 – 1080p30 (*) MJPEG – 1080p30 (*) Support for 1080p60 in a future release
#3 Connector & video resolutions	1x HDMI Up to 1080p50/60
Color space	HDMI: RGB, YCbCr 4:4:4 and 4:2:2
USB power	Up to 1.2A shared between the USB ports

## VIDEO OUTPUT

HDMI	1x HDMI 2.0 Up to 4K60
USB	1x USB 2.0 Type-B UVC interface up to 1080p30 MJPEG UAC interface with audio I/O PTZ control supported

## AUDIO

Audio	Audio coming from USB or HDMI camera is converted to HDMI and USB 2.0 interface. Audio coming from USB 2.0 interface is converted to USB camera.
Digital audio I/O	Embedded in HDMI or USB

## CONTROL

Control options	Front buttons RS-232 LAN USB
IP interface	100 Mbps half-duplex (autonegotiation not supported) Supports DHCP or static IP addressing
RS-232 interface	3x positions - Terminal block Baud rate: 9600 Data bits: 8 Stop bits: 1 Parity: None Flow control: None

## 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	1 tier 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 4GB RAM Intel Core i5 or equivalent Graphic card with dedicated memory
Supported cameras	Cameras with an HDMI, DVI or USB 3.0/2.0 output
Software compatibility	UVC-compliant, it runs with all software compatible with DirectShow, AVFoundation and V4L2. Compatible with: Teams, Zoom, Webex, Google Meet, etc.

## TECHNICAL SPECIFICATIONS - CONT.

## PHYSICAL DETAILS

Dimensions (W x L x H)	17.3 cm x 11.6 cm x 4.1 cm 6.81x 4.57" x 1.61"
Power supply	12V (100-240 VAC 50/60Hz to 12V/1.2A DC) – or – PoE source compliant with IEEE 802.3af (802.3at Type 1)
Weight	570 g (1.26 lb)
Package content	1x 1 m/3.3 ft USB 2.0 cable (Type-A to Type-B) 1x RS-232 terminal block adapter 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°to 105°C / -40°F to 221°F
Relative humidity	0% to 90% non-condensing

## INFORMATION

UPC code	051497302825
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 device is HDCP-compliant. It will not decrypt BD/DVD movies, satellite/cable receivers, or other encrypted sources.
Certifications	FCC, CE, RoHS, IEC62368, SoV, NOM
TAA-compliant	Yes

For technical support, contact us at [support@inogeni.com](mailto:support@inogeni.com)

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