

TOGGLE ROOMS

USB 3.0/HDMI DEVICES TO 2 PCs SWITCHER

DEVICE CONNECTORS



OVERVIEW

4K BYOD/BYOM: 2PCs SWITCHER FOR USB 3.0/HDMI DEVICES

TOGGLE ROOMS connects to three USB 3.0 devices and one HDMI displays across two PC hosts, ensuring a pro-AV, unified communication system with a remarkable 4Kp60 resolution. You can seamlessly switch from a Room PC to a laptop host, ensuring a friendly and efficient meeting experience.

Switch 4 peripherals between 2 hosts:
Redefine collaboration with Bring Your Own Device (BYOD) and Bring Your Own Meeting (BYOM) support, offering the flexibility of a push button or control pad for various meeting scenarios.

AUTOMATIC/MANUAL HOST SWITCHING UP TO 4Kp60 :

- PC 1 (Laptop): USB-C (100W) or USB-B + HDMI
- PC 2 (Room PC): USB-B + HDM
- 4kp60 in 16:9 and 21:9 wide screen capable (HDMI)
- Compatible by design: Teams, Zoom, on Crestron, Logitech, Lenovo, Poly, MAXHUB CODECs.
- Controllable by RS-232, IP or 2x GPI (PC selection: BYOD/ BYOM) or a table surface-mounted button for BYOM laptop selection
- Power charging to 100W on USB-C for the laptop
- 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

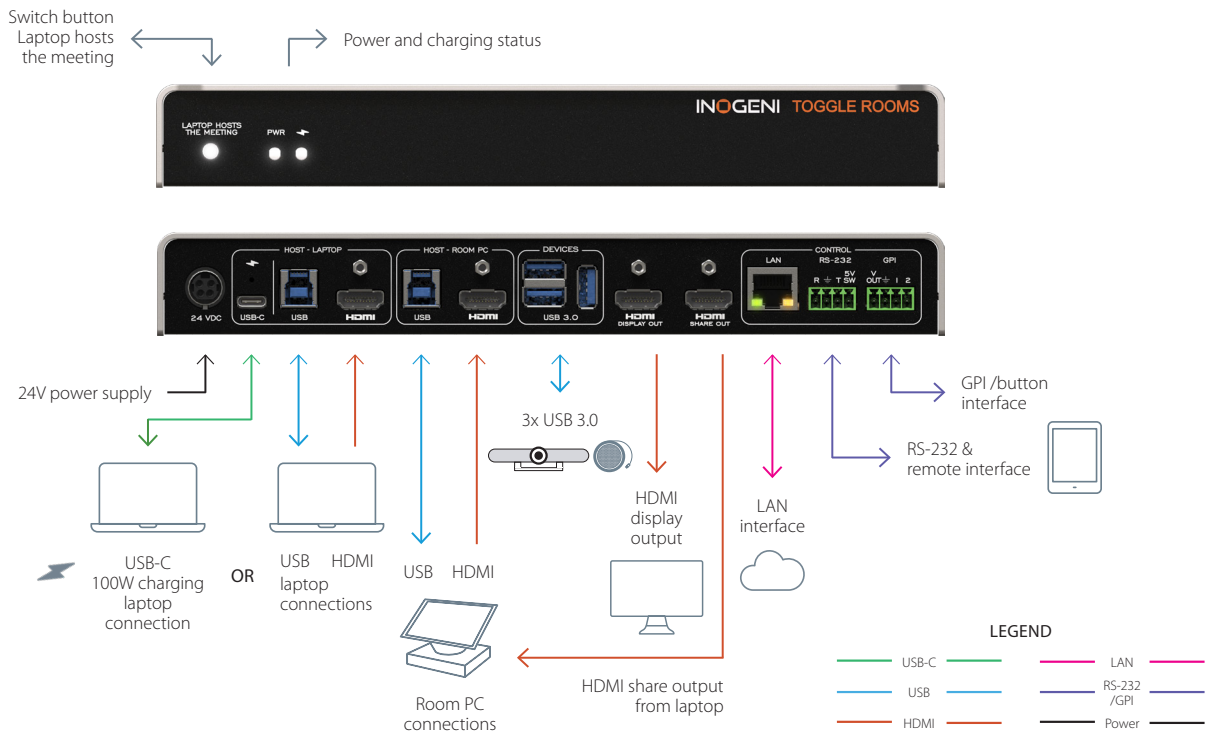
- 1 x TOGGLE ROOMS
- 1 x USB-C to USB-C cable – 6 ft.
- 1 x USB 3.0 cable (USB-A to USB-B) – 3 ft.
- 2 x terminal block 4-POS
- 2 x mounting brackets
- 4 x M2.5 mounting screws for brackets on product
- 4 x screws for Toggle Rooms table/wall mount
- 1 x 24V/160W PSU
- 1 x power supply: 85-264VAC 50/60Hz to 24V/6.67A DC
 - International adapters included in the box (USA/ CA or EU/UK/AU/BIS)
- 1 x PSU mounting bracket
- 4 x screws for PSU table/wall mount
- 4 x rubber feet

HOW DOES IT WORK?

TOGGLE ROOMS seamlessly integrates into a Room PC environment, allowing users to connect peripherals and charge their laptops via versatile options, such as USB-C or USB-B and HDMI for older laptop models.

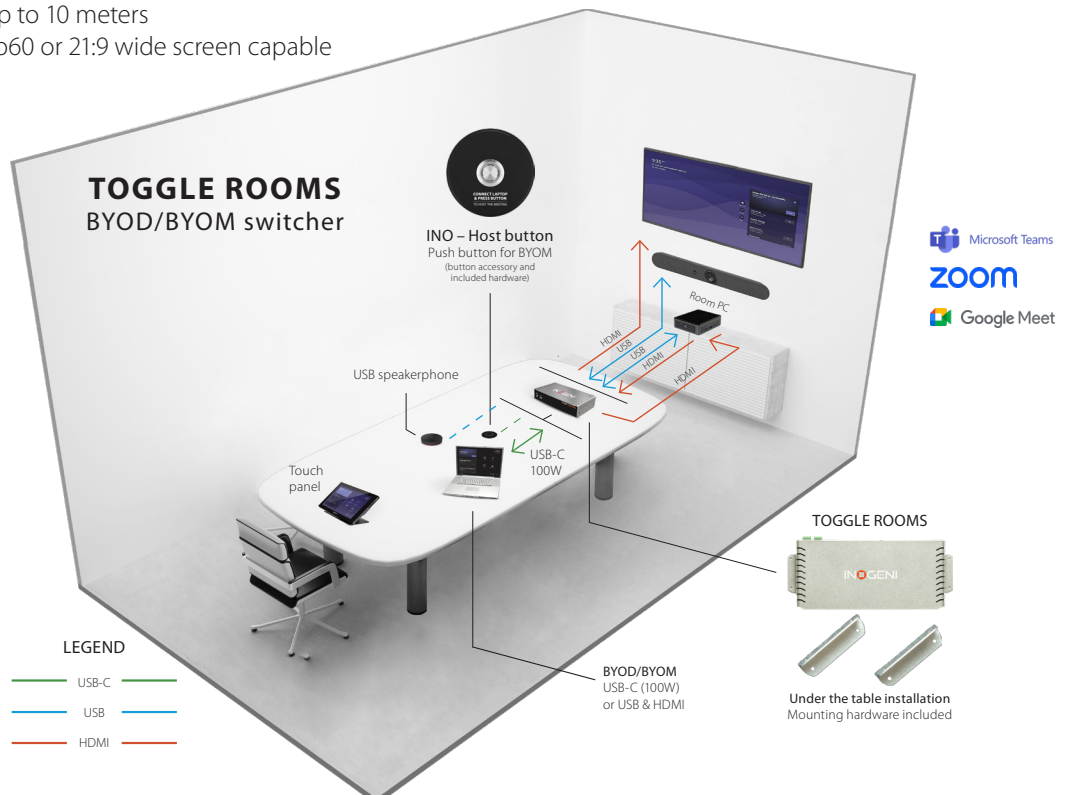
This flexibility extends across various settings, from huddle rooms to large boardrooms, classrooms, and auditoriums, making it an ideal solution for unified videoconferences.

FEATURED CONNECTORS



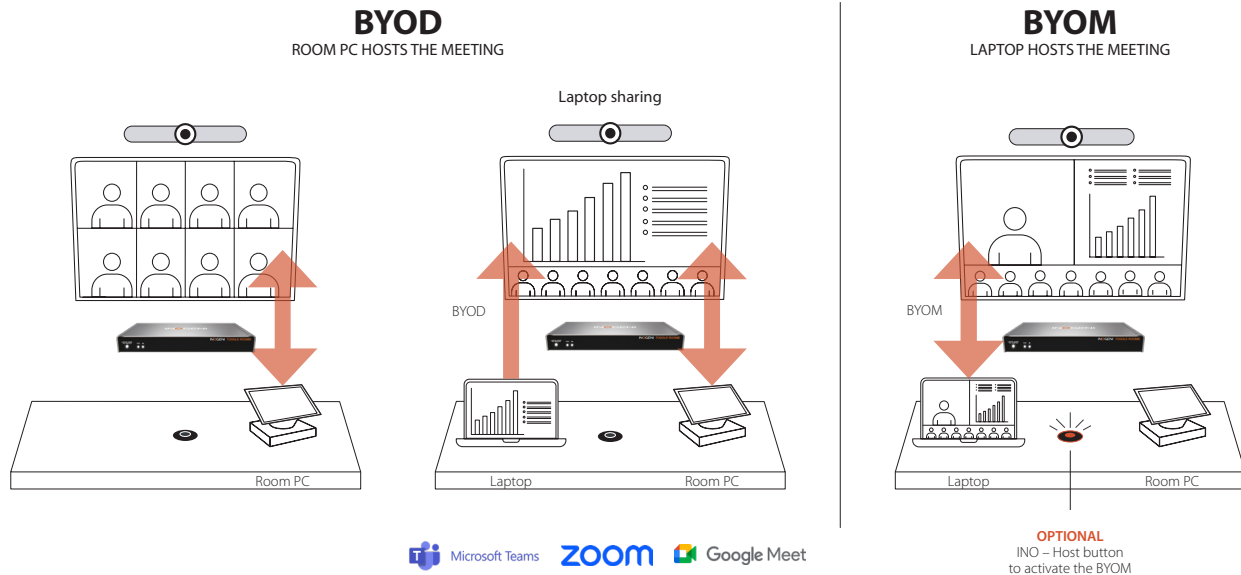
ONE CABLE SOLUTION TO TAKE CONTROL OF THE ROOM

- 2-meter USB-C 100W cable included
- USB-C solutions tested up to 10 meters
- 1 or 2 monitors up to 4Kp60 or 21:9 wide screen capable



DEVICE INTERFACES

3 application scenarios
SWITCH BYOD/BYOM with one cable for a Room PC and laptop



TECHNICAL SPECIFICATIONS

Device configuration via the [INOGENI MAESTRO](#) device controller

HOST - LAPTOP	
1x USB-C connector	Supports USB-C DisplayPort Alternate Mode <ul style="list-style-type: none"> • DisplayPort up to 3840x2160p60 / 4096x2160p60 • USB 3.0 (USB 3.1 Gen 1 / 5 Gbps) • USB 2.0 (480 Mbps) • Charges up to 100W • USB-C cable locking option
1x USB connector	USB 3.0 Type-B
1x HDMI connector	Up to 3840x2160p60 / 4096x2160p60 Cable locking option

HOST - ROOM PC	
1x USB connector	USB 3.0 Type-B
1x HDMI connector	Up to 3840x2160p60 / 4096x2160p60 Cable locking option

HDMI DISPLAY OUTPUT	
Resolution	Up to 3840x2160p60 / 4096x2160p60 / 21:9 wide screen capable
Connector	HDMI with cable locking option

HDMI SHARE OUTPUT	
Resolution	Up to 3840x2160p60 / 4096x2160p60 / 21:9 wide screen capable
Connector	HDMI with cable locking option

USB DEVICES	
Connector	3 x USB 3.0 Type-A ports
Power	1.8A shared between downstream ports

VIDEO - HDMI	
HDCP compliance	Compliant with HDCP2.3, HDCP2.2 and HDCP1.4
HDMI compliance	Compliant with HDMI2.0b, HDMI1.4 and DVI1.0
Sampling frequency	600MHz
Video scaling	Crosspoint switch supports video downscaling from 4K to 1080p
Chroma subsampling	YUV/RGB 4:4:4, 4:2:2
CEC	Ability to send CEC commands to connected HDMI display sink

TECHNICAL SPECIFICATIONS - CONT.

AUDIO - HDMI	
Audio	Audio passthrough from input to output
Formats	LPCM, Dolby Digital and DTS, up to 192kHz

CONTROL	
Control options	Front button – For laptop selection RS232 GPI LAN USB
IP interface	10/100Mbps Supports DHCP or static addressing IP control available through RESTAPI and Telnet connections
RS-232 interface	4-pos terminal block connector Baud rates: 9600 [default], 19200, 38400 and 115200 Data bits: 8 Stop bits: 1 Parity: None
GPI interface	4-POS terminal block connector • 2x Contact-closure control GPI: • Controlled by open-drain IO (short to ground) or driven IO • Supported voltage range: 0 to 12V max • Voltage threshold is 2.3V VOUT: • Option to power up our custom LED button • Logic-low level: 0 @ 0.5V • Logic-high level: 4.5 @ 5V

INFORMATION	
UPC code	051497418694
Origin	Canada
Warranty	2 years

CERTIFICATIONS	
Certifications device	FCC, CE, UKCA, RoHS, IEC62368, SoV, RCM, NOM
Certifications power supply	FCC, CE, UKCA, CB, UL, TUV, Test report
TAA-compliant	Yes

COMPATIBILITY	
Operating system	NO driver installation necessary! Windows 7 and above (32/64-bit) macOS 10.10 and above Linux (kernel v2.6.38 and above)
Compatible videoconferencing systems	<ul style="list-style-type: none"> • Crestron - Flex Series • Crestron - Flex Advanced Series • Poly - Studio Room Kit with HP Mini Conferencing PC • MAXHUB - MAXHUB XCore Kit • Logitech - Tap with Rally • Logitech - Tap with MeetUp • Logitech - Rally Bar Tap room systems • Lenovo - ThinkSmart Hub Gen 2 Microsoft Teams Rooms • Lenovo - ThinkSmart Core + Controller • Lenovo - ThinkSmart Core & IP Controller Kit • Jabra - PanaCast 50 Room System

PHYSICAL DETAILS	
Dimensions (W x L x H)	25.11 cm x 10.97 cm x 3.26 cm 9.89" x 4.32" x 1.28"
Power supply	160W (85-264VAC 50/60Hz to 24V/6.67A DC)
Weight	770 g (1.69 lb)
Package content	<ul style="list-style-type: none"> • 1 x TOGGLE ROOMS • 1 x USB-C to USB-C cable – 6 ft. • 1 x USB 3.0 cable (USB-A to USB-B) – 3 ft. • 2 x terminal block 4-POS • 2 x mounting brackets • 4 x M2.5 mounting screws for brackets on product • 4 x screws for Toggle Rooms table/wall mount • 1 x 24V/160W PSU • 1 x power supply: 85-264VAC 50/60Hz to 24V/6.67A DC • International adapters included in the box (USA/CA or EU/UK/AU/BIS) • 1 x PSU mounting bracket • 4 x screws for PSU table/wall mount • 4 x rubber feet
Operating temperature	
Storage temperature	0° to 45° C / 32° to 113° F
Relative humidity	-40° to 105° C / -40° to 221° F
Mounting options	0% to 90% non-condensing Ability to mount under the table or on a wall