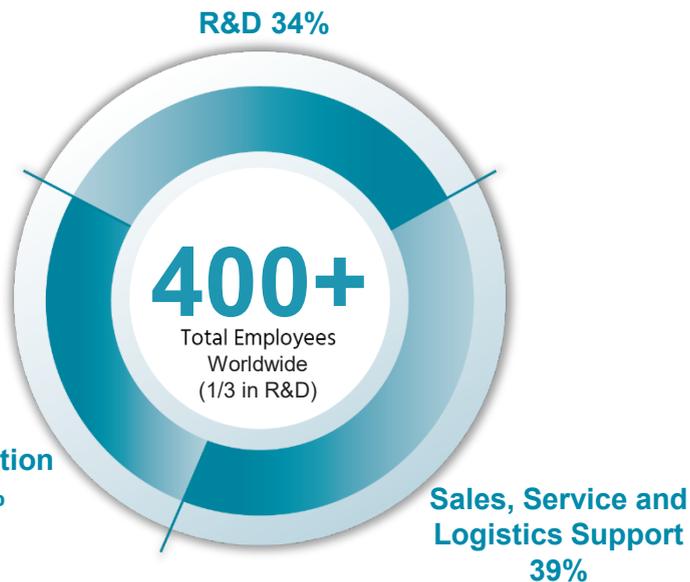


CYP



CYP solutions are widely used in diverse scenarios, such as smart classrooms, high-performance meeting rooms, and government surveillance centers. Visual presentations in these environments are essential of our products.

With our professional expertise and innovative spirit, we are committed to deliver unique solutions in order to fulfill customers' demands. Furthermore, to create better life with more intelligence.



1990
Year
Founded



2009
Publicly
Listed



ISO
9001 13485
14001 QMS



100%
Designed & Made
in TAIWAN



WEEE
RoHS
REACH



ESG
GD
CP65





HyLinX

1Gbps 4K60 (4:4:4) AV over IP Solution

Product Marketing

2025



HyLinX

Seamless AV Integration Made Easy.



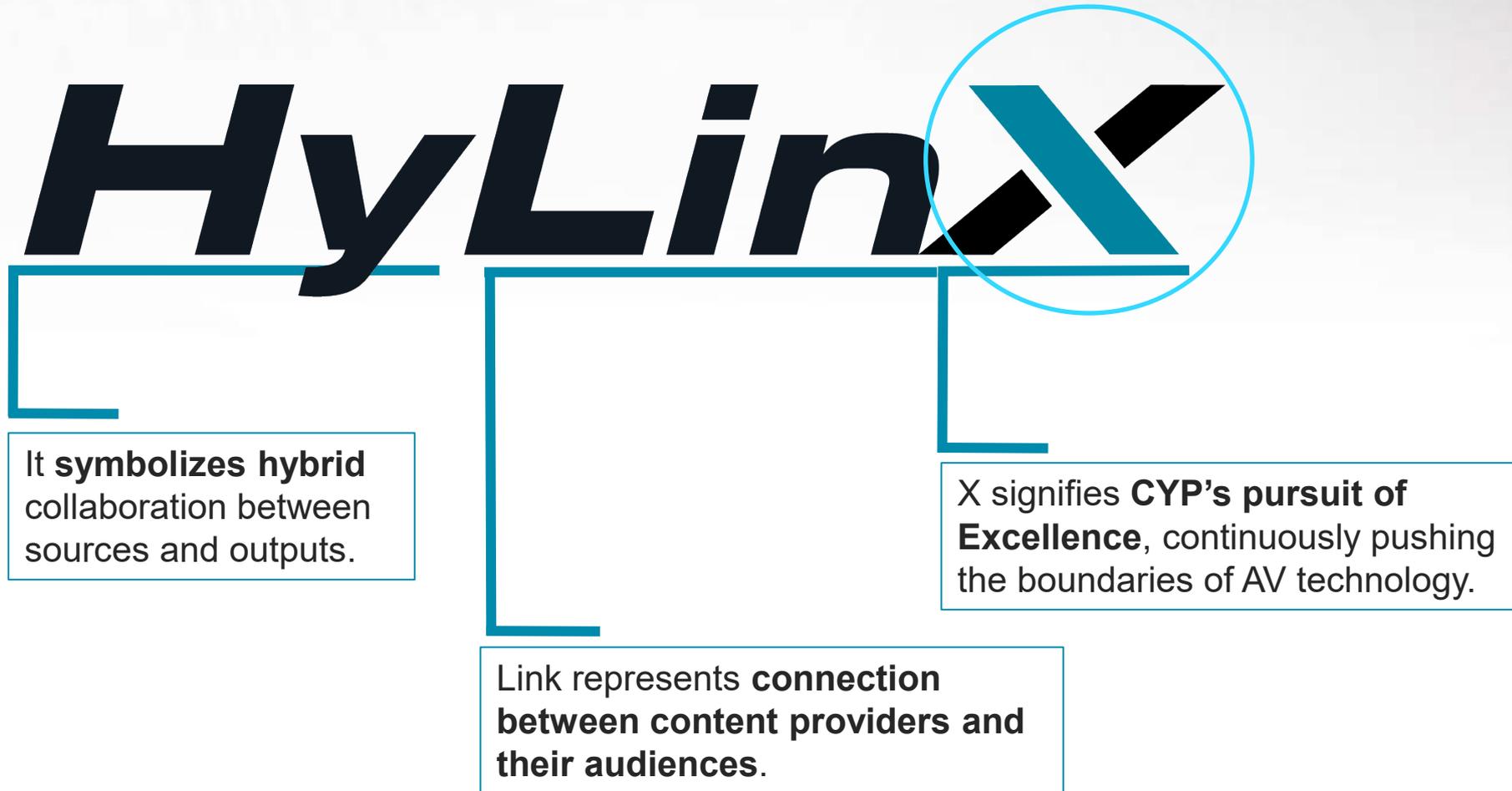
AVIP-A4601E/D-B1C + CDPS-CS11

Seamless Switching / Video Wall / Flexible Collaboration

1Gbps 4K60 (4:4:4) AV over IP Solution

HyLinx AV over IP Series

HyLinx is the latest Brand Name for CYP's AV over IP Series.



What is AV over IP?

A **digitalized professional AV system** that leverages Ethernet networks to transmit high-resolution video and audio. Designed for **scalability**, **flexibility**, and **long-distance transmission**, it enables seamless integration of multi-functional applications across various domains.

Scalable &
Flexible

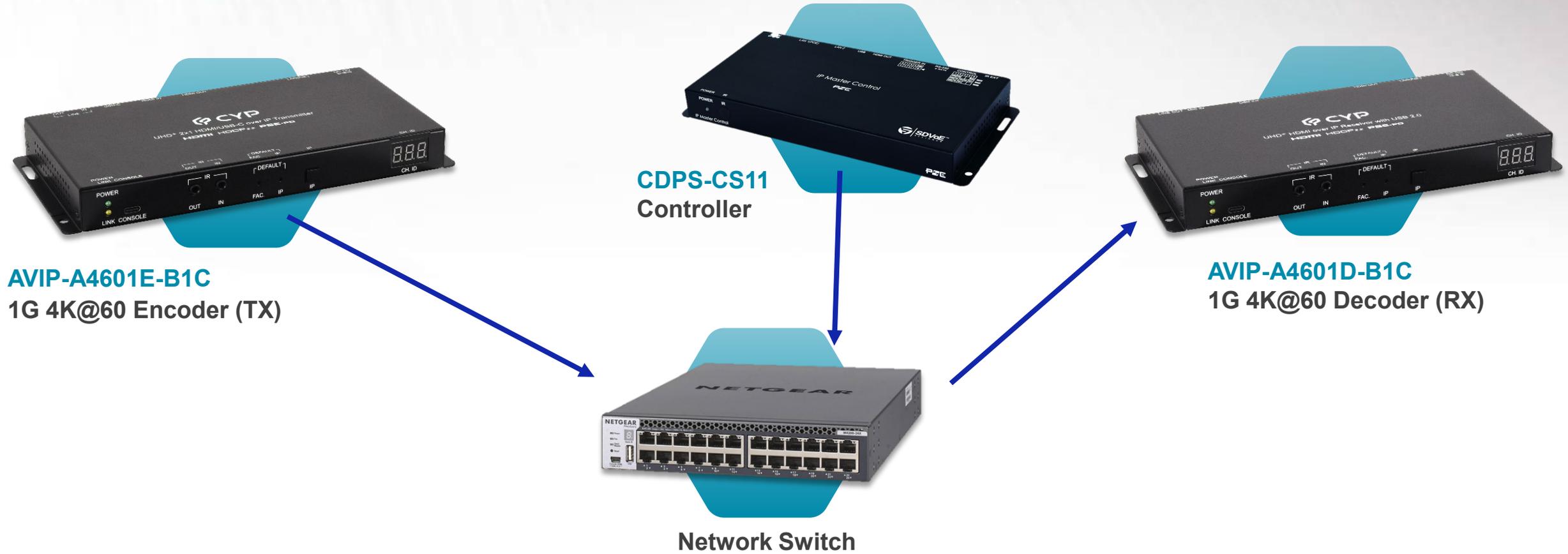
Cost-
Effective

Long-
Distance
Transmission

Remote
Management



AV over IP System Architecture



AV over IP vs. Traditional Matrix Switchers

Feature	AV over IP	Traditional Matrix Switchers
Product		
Stream Resolution	Up to 4K@60 (4:4:4)	Up to 4K@60 (4:4:4)
Distance	✓ Up to 120km	✗ Limited
Scalability	✓ Unlimited over IP	✗ Limited ports
Cost-Efficiency	✓ Uses existing network	✗ Expensive hardware
Control	✓ Flexible	✗ Point-to-Point

AVIP-A4601E/D-B1C + CDPS-CS11

AVIP-A4601E/D-B1C + CDPS-CS11



	AVIP-A4601E-B1C	AVIP-A4601D-B1C	CDPS-CS11
	Encoder (TX)	Decoder (RX)	Controller
			
	39,000 Exvat7%	39,000 Exvat7%	45,000 Exvat7%
HDMI IN	4K@60 (4:4:4)	-	-
HDMI OUT	4K@60 (4:4:4) Loop Out	4K@60 (4:4:4)	1080P@60
Audio	LINE IN LINE OUT	LINE IN LINE OUT	-
Control I/O (Pass-through Port)	IR Extender, IR Blaster, RS-232, USB Type-C (TX), USB Type-A (RX)		IR Extender, RS-232, 8 Trigger (10-pin TB), USB Type-A, LAN (RJ-45)



Dante Ready™

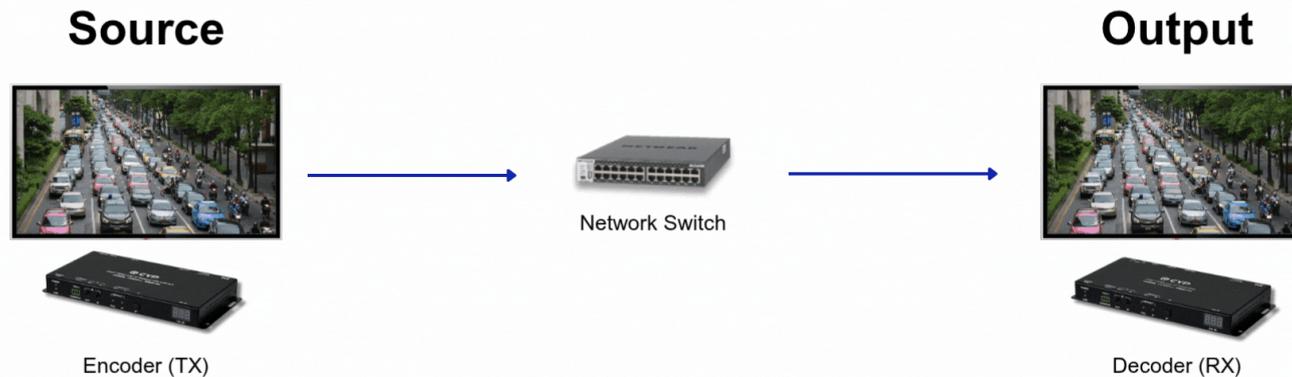


PoE -PD

1G 4K60 AV over IP Main Features: Flexible Signal Routing

Instantly **route any source to any display**, whether it is one to one, one to many, or many to many, for flexible and efficient AV distribution.

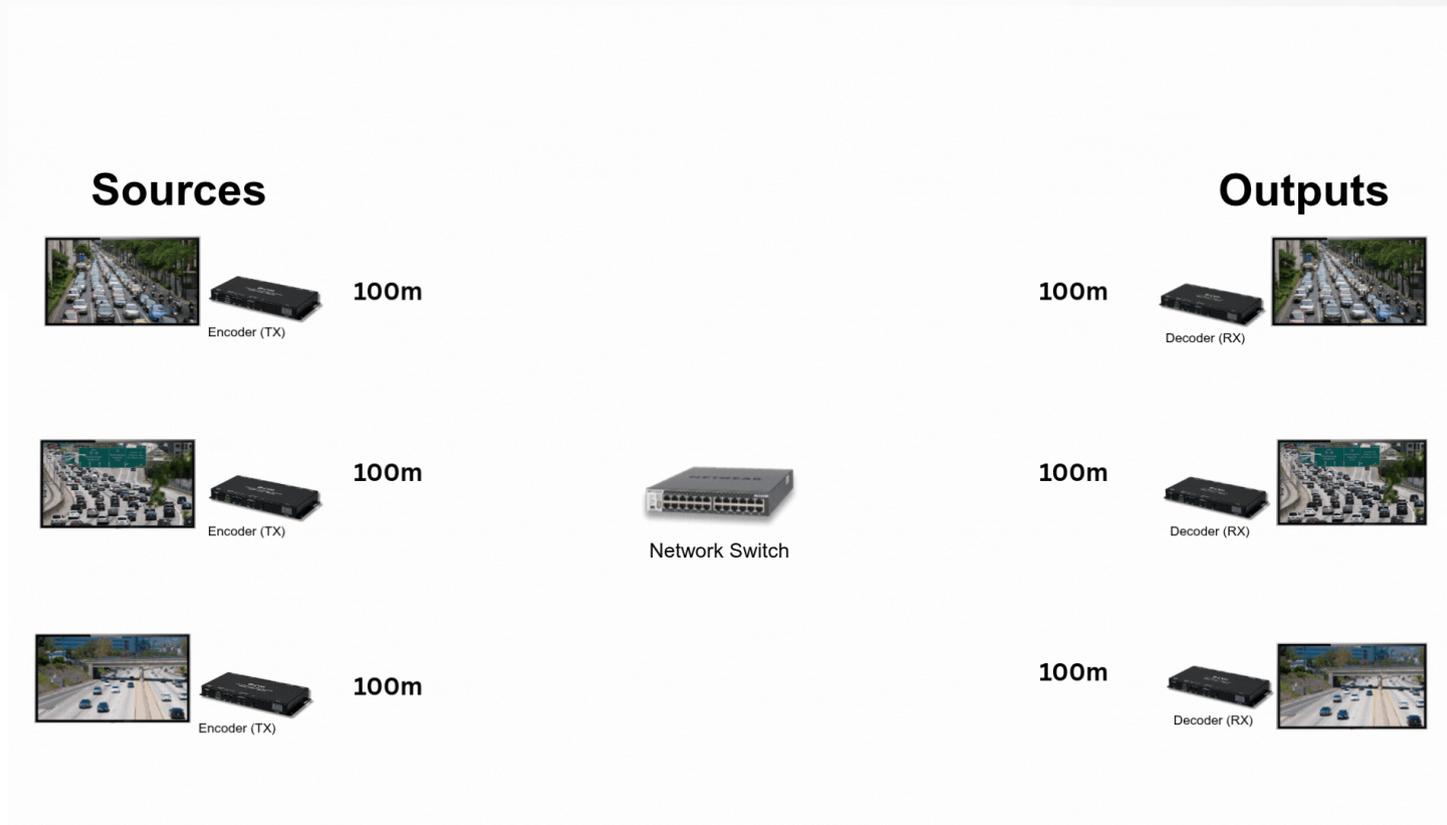
One to One



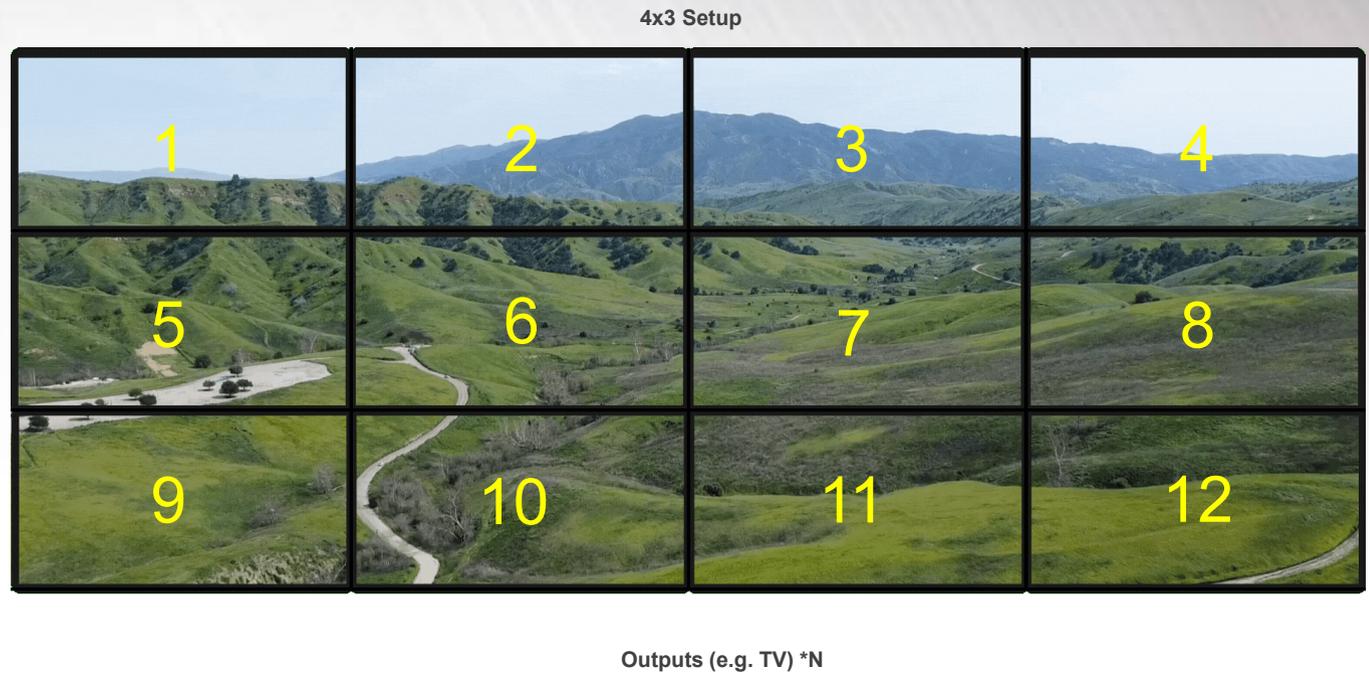
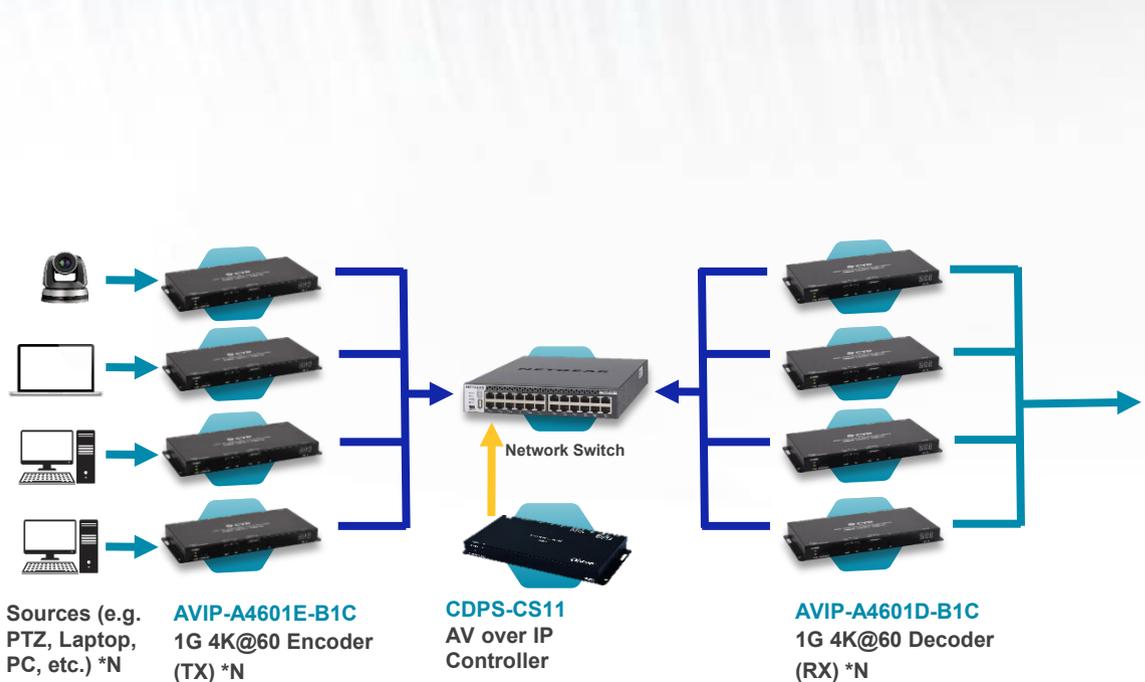
Cat Cable →

1G 4K60 AV over IP Main Features: Long-Distance Transmission

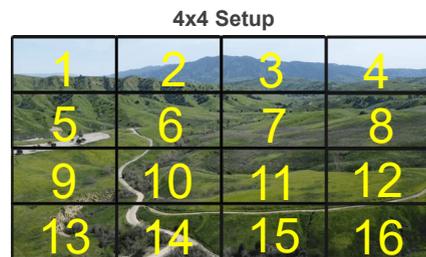
Supports up to **100m from encoder to network switch** and **another 100m from switch to decoder**, ideal for deploying Matrix and Video Wall setups across extended spaces.



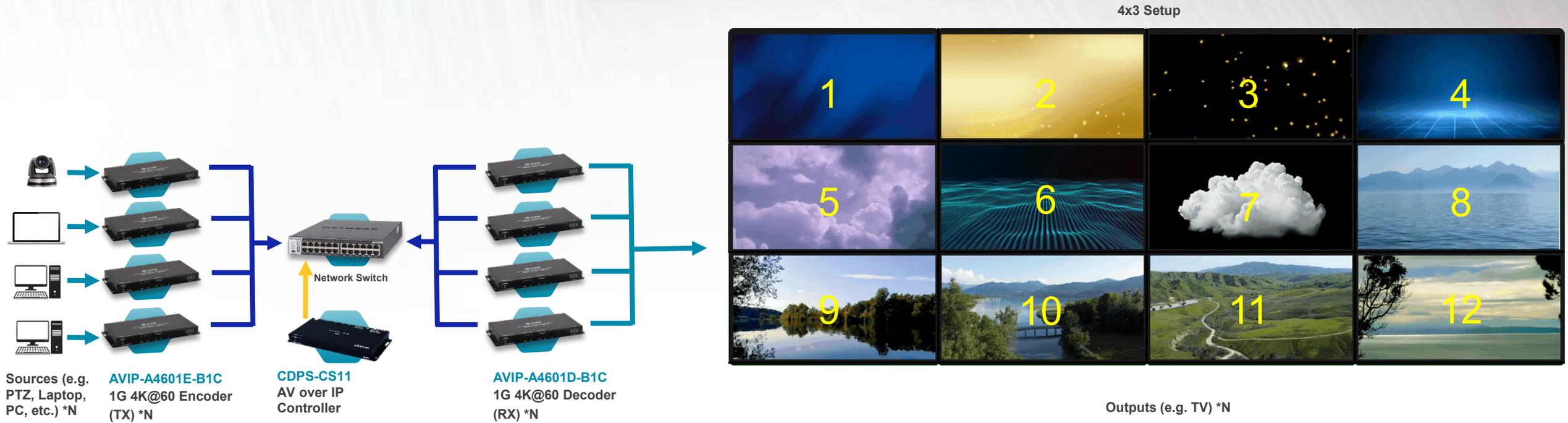
1G 4K60 AV over IP Main Features: Video Wall



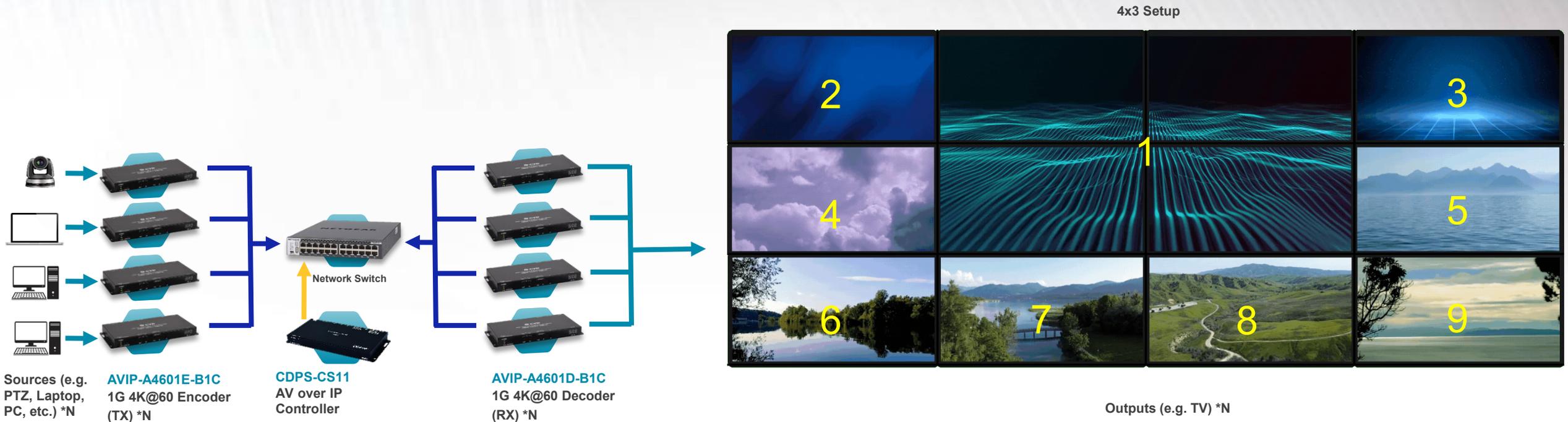
Future Video Wall Layout Expansion up to 16x16



1G 4K60 AV over IP Main Features: Matrix Mode



1G 4K60 AV over IP Main Features: Video Wall + Matrix Mode

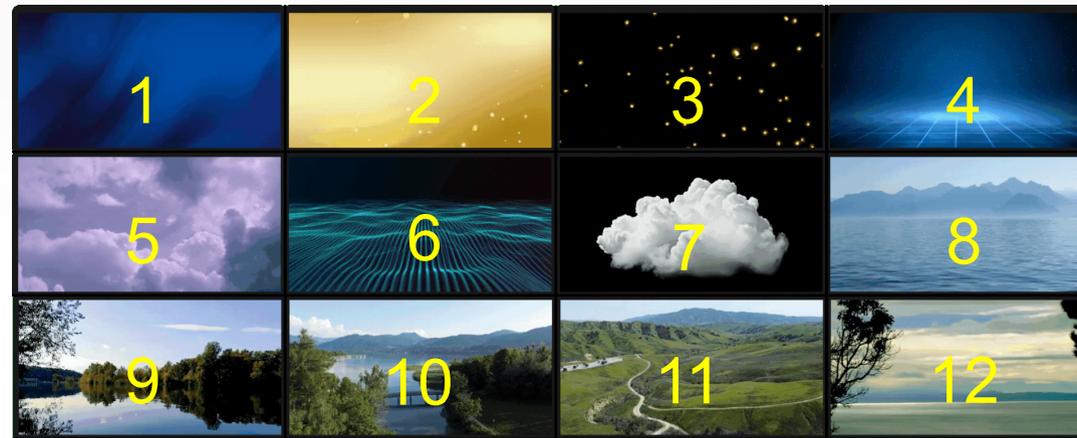


Various Matrix Layout Options



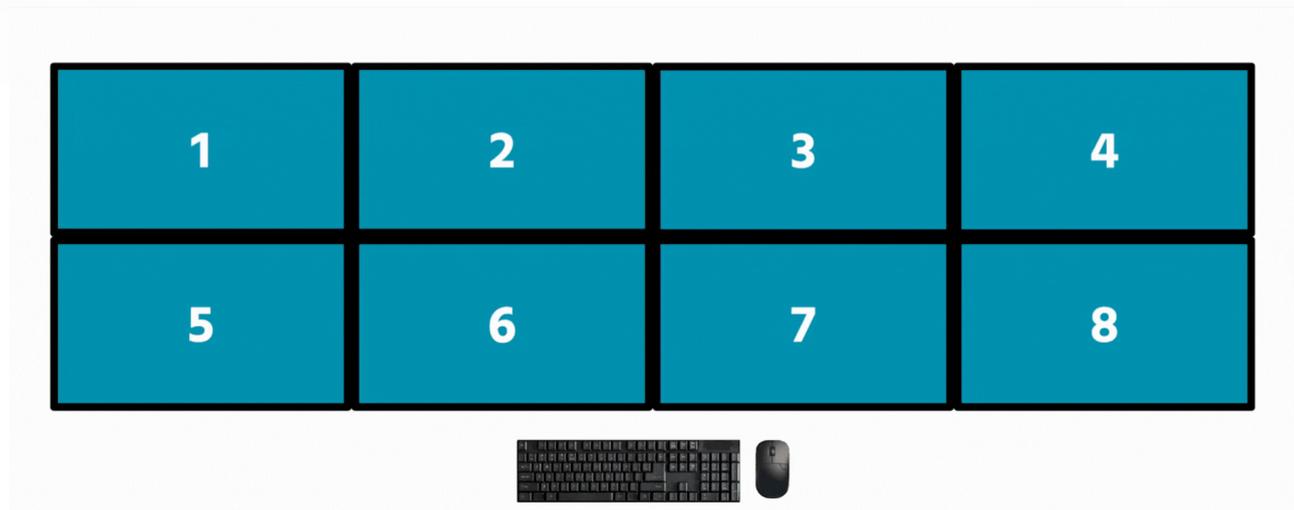
1G 4K60 AV over IP Main Features: KVM over IP Functionality

LINK, PUSH, GET, and Multi-Source Access, combined with the OSD Hotkey feature, provide seamless collaboration between local and remote sites—making control intuitive and efficient.



KVM over IP Functionality: Link, Multi-Source Access, Hotkey, Push, Get

The local or host site operators can designate their displays to **Link** with any sources or PCs at the remote end through a set of keyboard and mouse for easy monitoring and controlling.



KVM over IP Functionality: Link, Multi-Source Access, Hotkey, Push, Get

Control multiple sources effortlessly with a single keyboard and mouse for a seamless and efficient workflow.



Supporting up to 16 sources.

KVM over IP Functionality: Link, Multi-Source Access, **Hotkey**, Push, Get

Instantly switch between multiple sources or PCs using a single keyboard and mouse. With just a **Hotkey** command, you can take full control of the new source without any delays—ensuring a smooth and efficient workflow.

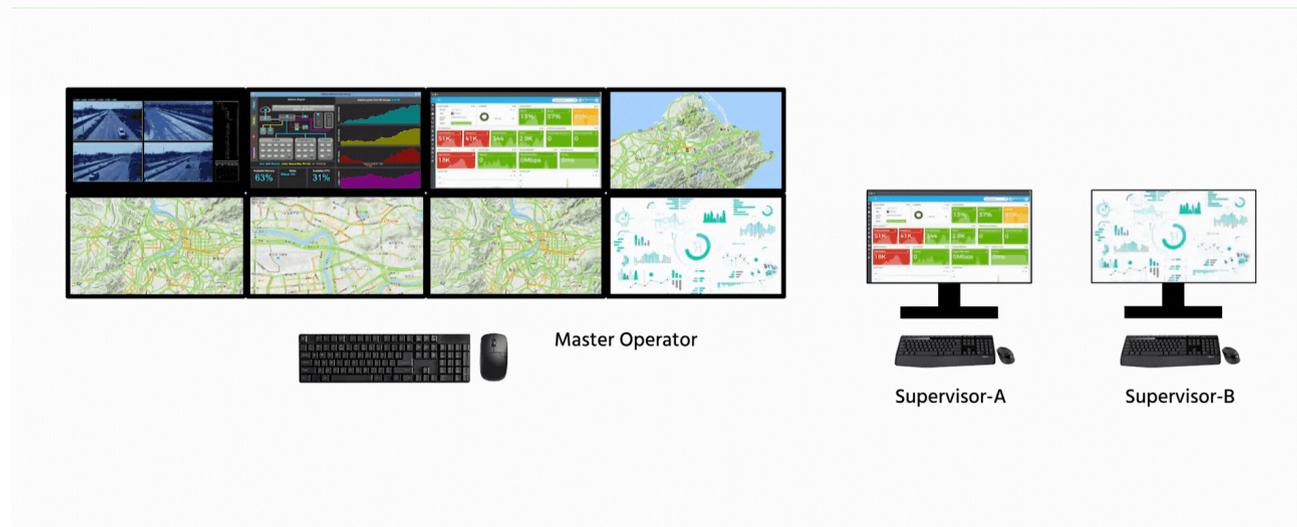


Each signal source can be custom-named for intuitive operation. If an incorrect source name is entered, the OSD will notify the operator.

KVM over IP Functionality:

Link, Multi-Source Access, Hotkey, **Push**, Get

Instantly share your monitored screen with other operators or supervisors for real-time collaboration with **Push**. Co-manage specific computers and synchronize operations seamlessly for enhanced efficiency and control.



This section is for illustration purposes only. The actual operation will be based on the assigned hotkey functions.

KVM over IP Functionality: Link, Multi-Source Access, Hotkey, Push, **Get**

Supervisors and authorized operators can access and monitor displays in real time, seamlessly viewing what's presented on other screens using **Get**. They can also co-manage specific PCs and synchronize tasks for enhanced operational efficiency.

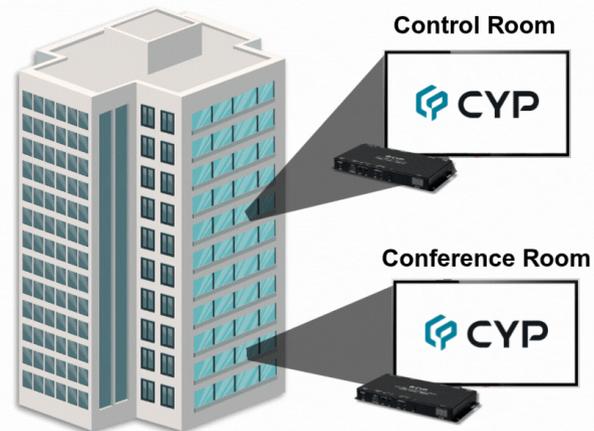


This section is for illustration purposes only. The actual operation will be based on the assigned hotkey functions.

1G 4K60 AV over IP Main Features: Centralized and Remote Management

Manage your AV system from one interface, locally or remotely. **Update settings, switch sources, and monitor status without being on-site.**

Across Floors:



1G 4K60 AV over IP Additional Features

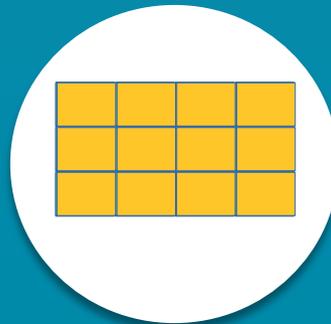
Preview

Visualization interface allows **real-time preview of multiple input sources** or display outputs for efficient screen management and information control.



Video Wall Ready

Support up to a **16x16 video wall setup** with smooth switching and synchronized display—ideal for control rooms, signage, and more.



USB Function Access

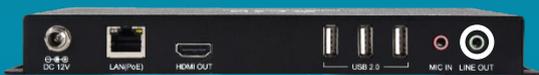
USB ports can be **enabled or disabled** based on authority and requirements, allowing keyboard/mouse use, restricting USB storage access, or enabling full functionality.



1G 4K60 AV over IP Additional Features

Digital Audio De-embedding

The decoder offers analog audio output, de-embedding audio from HDMI or receiving analog input from a remote encoder, ideal for audiovisual integration or remote intercom.



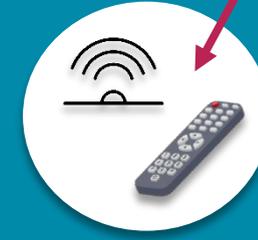
HDMI Loop Out

The Encoder (TX) features an HDMI Loop Out interface, allowing users to share and monitor the content from the signal source in real time.



Remote Control

This system also features bi-directional IR and RS-232 remote control for smooth communication and device management.

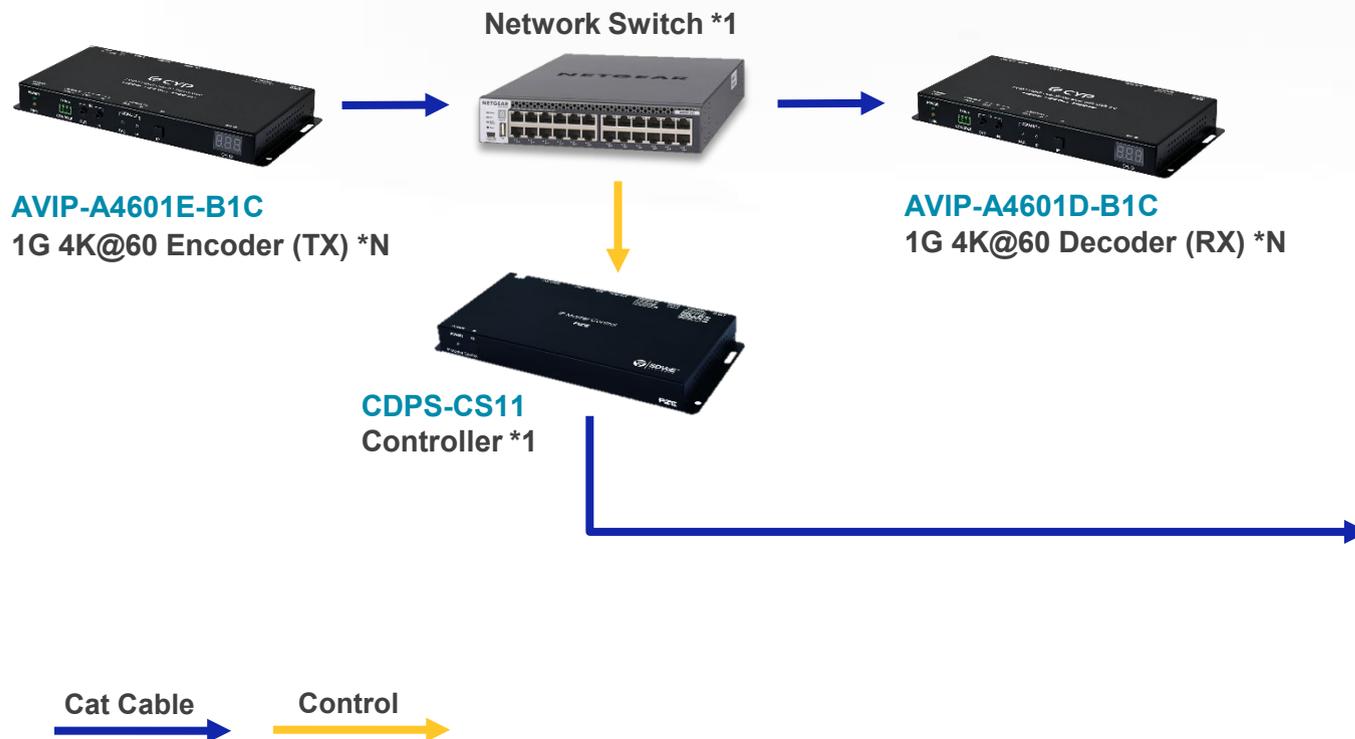


HDMI
Audio
IR (3.5mm)

Channel Distribution Management (CDM)

Channel Distribution Management (CDM)

A centralized **control interface** that lets you easily manage sources and displays. Monitor system status, switch content, and control every endpoint—all from your browser. Can be operated via web browser or touchpad.



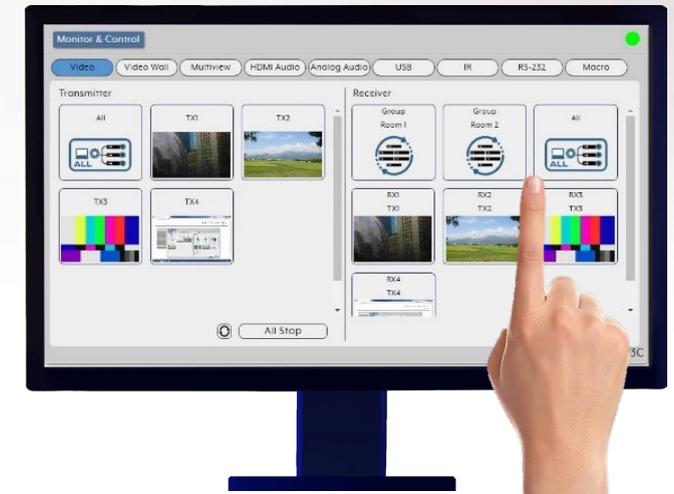
Channel Distribution Management (CDM): Graphical Interface for Personal Devices and Touch Screen

Intuitive visual control: source and display preview, drag-and-drop



Laptop / Smartphone / Tablet

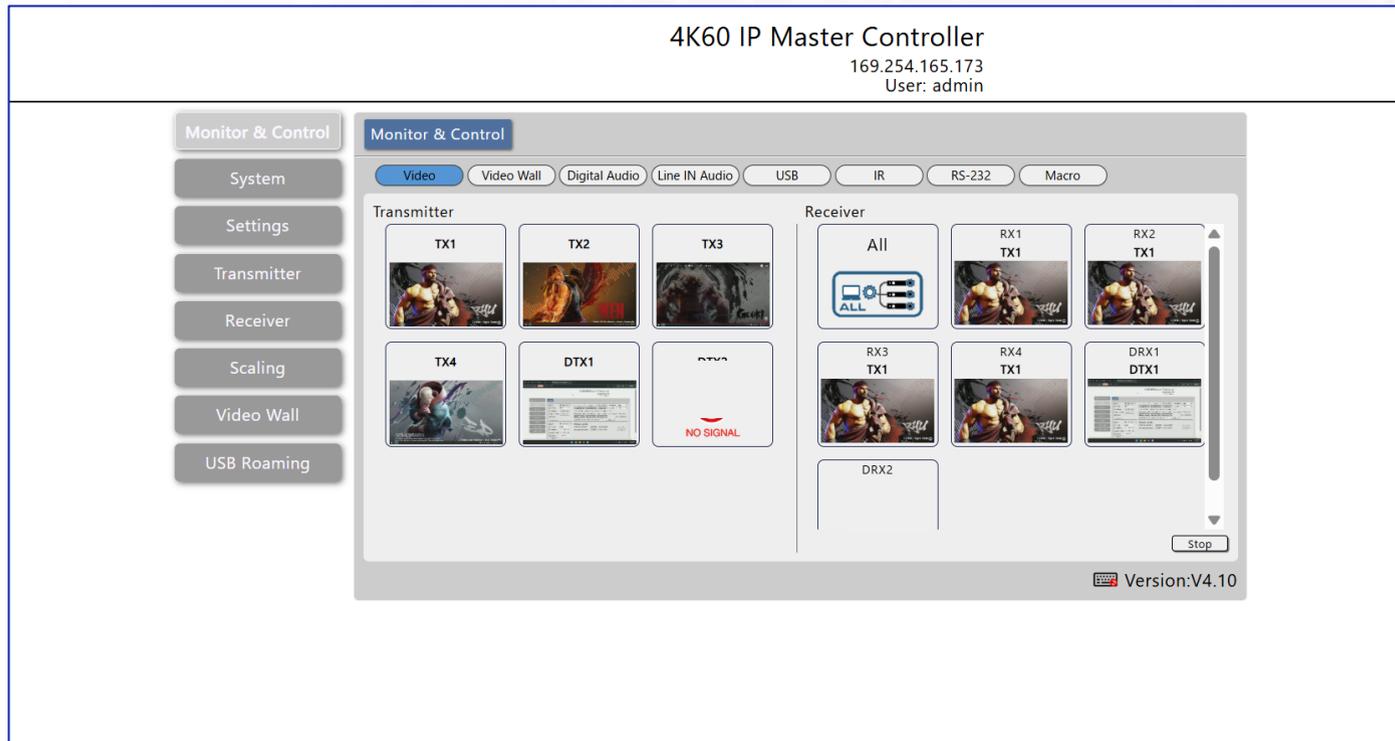
Wireless or Cable



Touch Screen

HDMI or USB

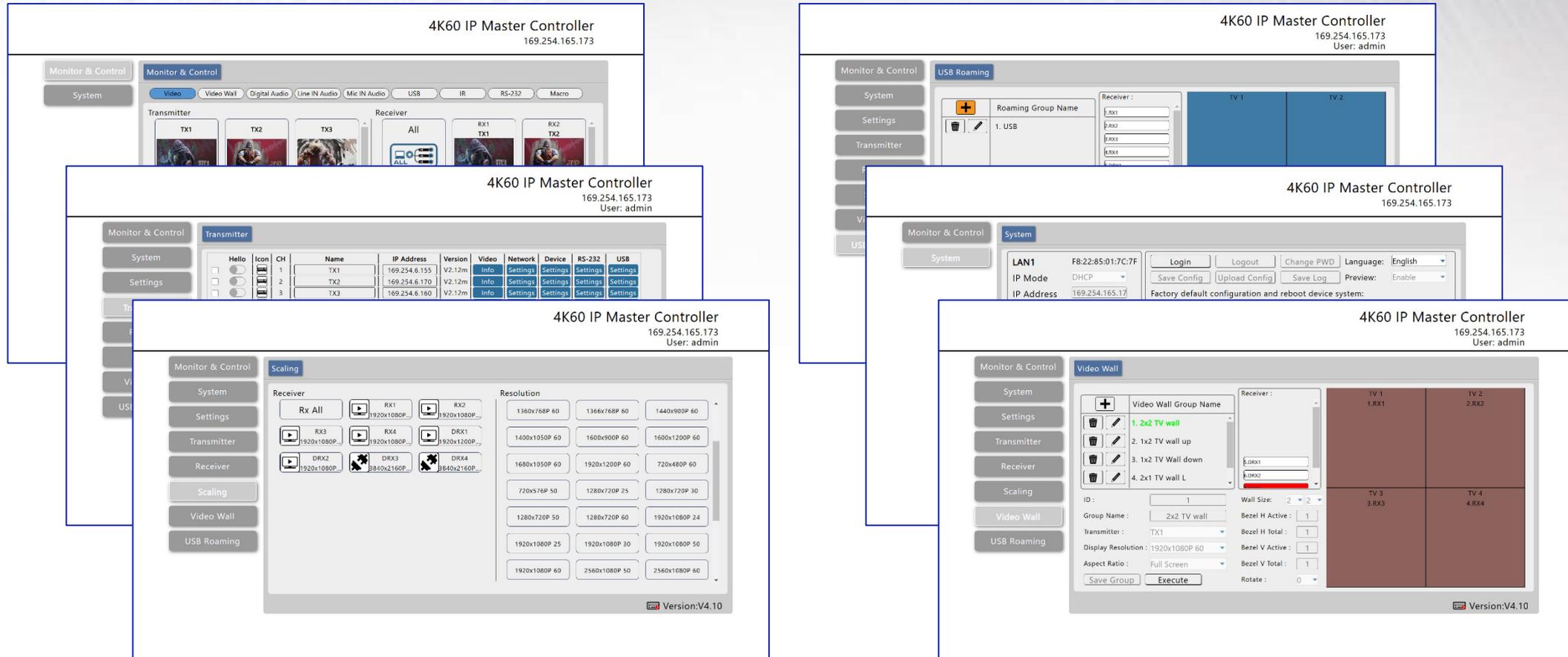
Channel Distribution Management (CDM): Graphical Interface Preview



- ▶ **Real-time preview** of the signal sources and display screens
- ▶ **Video routing and switching:** Drag & drop or Tap
- ▶ **Preset scenes** and grouping functions
- ▶ **Video distribution with quick broadcast, group broadcast, and auto-scheduling**

The Channel Distribution Management (CDM) graphical interface can be operated **via a web browser** using a keyboard and mouse or **via a touchpad** by tapping, dragging, and dropping.

Channel Distribution Management (CDM): Graphical Interface Preview



The Channel Distribution Management (CDM) graphical interface can be operated **via a web browser** using a keyboard and mouse or **via a touchpad** by tapping, dragging, and dropping.

HyLinx AV over IP Comparison Chart



HyLinx AVoIP Comparison Chart

	1G					10G			
	1080P		4K30 (4:4:4)		4K60 (4:4:4)		4K60 (4:4:4)		
	CH-331H-TX	CH-331H-RX	CH-U331TXWP Series	CH-U350TX	CH-U331RX	AVIP-A4601E-B1C	AVIP-A4601-B1C	AVIP-P5104T-B1C	AVIP-P5104R-B1C
Type	Encoder (TX)	Decoder (TX)	Encoder (TX)	Encoder (TX)	Decoder (RX)	Encoder (TX)	Decoder (RX)	Encoder (TX)	Decoder (RX)
Video	Motion-JPEG	Motion-JPEG	Motion-JPEG	Motion-JPEG	Motion-JPEG	JPEG2000	JPEG2000	SDVoE	SDVoE
Codec	Motion-JPEG	Motion-JPEG	Motion-JPEG	Motion-JPEG	Motion-JPEG	JPEG2000	JPEG2000	SDVoE	SDVoE
Reach Distance	100m	100m	100m	100m	100m	100m	100m	100m	100m
HDMI Compliance	1.4	1.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0
HDCP Compliance	1.4	1.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Video Input	HDMI DP VGA	-	1920*1200 / WUXGA	1920*1200 / WUXGA	-	4K60 (4:4:4)	-	4K60 (4:4:4)	-
Video Output	HDMI VGA	1080P60	-	1920*1200 / WUXGA (Loop Out)	4K30 (4:4:4)	4K60 (4:4:4) (Loop Out)	4K60 (4:4:4)	4K60 (4:4:4) (Loop Out)	4K60 (4:4:4)
Audio	-	-	Line In Line Out	Line In Line Out	Line In Line Out	Line In Line Out	Line In Line Out	Line In Line Out	Line In Line Out
Connectivity	-	-	PoE-PD	PoE-PD	PoE-PD	PoE-PD Dante Ready	PoE-PD Dante Ready	PoE-PD	PoE-PD
Power over Cable	-	-	-	-	-	-	-	-	-
Dante	-	-	-	-	-	RJ45	RJ45	-	-
IP Interface	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45	RJ45
Control I/O (Pass-through Port)	1x IR Extender 1x IR Blaster 1x RS-232	1x IR Extender 1x IR Blaster 1x RS-232	1x IR Extender 1x IR Blaster 1x RS-232 1x USB Type-B	1x IR Extender 1x IR Blaster 1x RS-232 1x USB Type-B	1x IR Extender 1x IR Blaster 1x RS-232 4x USB Type-A	1x IR Extender 1x IR Blaster 1x RS-232 1x USB Type-C	1x IR Extender 1x IR Blaster 1x RS-232 3x USB Type-A	1x RJ-45 1x IR Extender 1x IR Blaster 1x RS-232 1x USB Mini-B 2x USB Type-A	1x RJ-45 1x IR Extender 1x IR Blaster 1x RS-232 1x USB Mini-B 2x USB Type-A
Additional Features	Fast	Fast	Fast	Fast	Fast	Seamless	Seamless	Seamless	Seamless
Switching Time	Fast	Fast	Fast	Fast	Fast	Seamless	Seamless	Seamless	Seamless
Video Wall	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16
Multi-View	-	-	-	-	-	-	-	✓	✓
KVM	Point-to-Point	Point-to-Point	Point-to-Point	Point-to-Point	Point-to-Point	KVM Collaboration	KVM Collaboration	Point-to-Point	Point-to-Point
Preview	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hardware Combo	CH-331H-RX	CH-331H-TX	CH-U331RX	CH-U331RX	CH-U350TX	AVIP-A4601D-B1C	AVIP-A4601E-B1C	AVIP-P5104R-B1C	AVIP-P5104T-B1C
Recommended Decoder/Encoder	CH-331H-RX	CH-331H-TX	CH-U331RX	CH-U331RX	CH-U350TX	AVIP-A4601D-B1C	AVIP-A4601E-B1C	AVIP-P5104R-B1C	AVIP-P5104T-B1C
Recommended Controller	CDPS-CS8	CDPS-CS8	CDPS-CS8	CDPS-CS8	CDPS-CS8	CDPS-CS11	CDPS-CS11	CDPS-CS8-S	CDPS-CS8-S
Recommended Rack	CSR-G3300	CSR-G3300	-	CSR-G6100 / CSR-G6400	CSR-G6100 / CSR-G6400				
Physical Properties	128 x 25 x 116 mm	128 x 25 x 116 mm	EU: 152 x 81 x 53 mm UK: 147 x 87 x 53 mm US: 91.8 x 103.4 x 54 mm	231.5 x 25 x 120 mm	231.5 x 25 x 120 mm	231.5 x 25 x 120 mm	231.5 x 25 x 120 mm	231.5 x 25 x 167 mm	231.5 x 25 x 167 mm
Dimensions (All Inclusive) W x H x D	128 x 25 x 116 mm	128 x 25 x 116 mm	EU: 152 x 81 x 53 mm UK: 147 x 87 x 53 mm US: 91.8 x 103.4 x 54 mm	231.5 x 25 x 120 mm	231.5 x 25 x 120 mm	231.5 x 25 x 120 mm	231.5 x 25 x 120 mm	231.5 x 25 x 167 mm	231.5 x 25 x 167 mm
Form Factor	Box	Box	Wallplate	Box	Box	Box	Box	Box	Box

All product specifications are subject to change without further notice.



CPLUS-44SM

4K60 4x4 Seamless Matrix with Built-in Video Wall and Multi-View

Product Marketing

2025



Seamless Source Switching Professional Display Management



CPLUS-44SM

95,000 Exvat7%



Seamless Matrix Switching | Video Wall | Multi-Window

4K60 4×4 Seamless Matrix with Built-in Video Wall and Multi-View

CPLUS-44SM vs. Traditional Matrix Switcher

Feature	CPLUS-44SM	Traditional Matrix Switcher
Product		
Stream Resolution	Up to 4K@60 (4:4:4)	Up to 4K@60 (4:4:4)
Setup	✓ Quick, plug-and-play	✗ Requires separate wiring for control
Audio Output	✓ Analog Stereo 3.5mm	✗ It varies or not built-in
Control Options	✓ Full-control via front panel buttons, RS-232, Telnet and WebGUI	✗ Limited to front panel buttons or remote IR
Video Wall Support	✓ Built-in	✗ Requires external processor
Multi-View Support	✓ Built-in	✗ Requires external processor

CPLUS-44SM

4K60 4x4 Seamless Matrix with Built-in Video Wall and Multi-View



HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

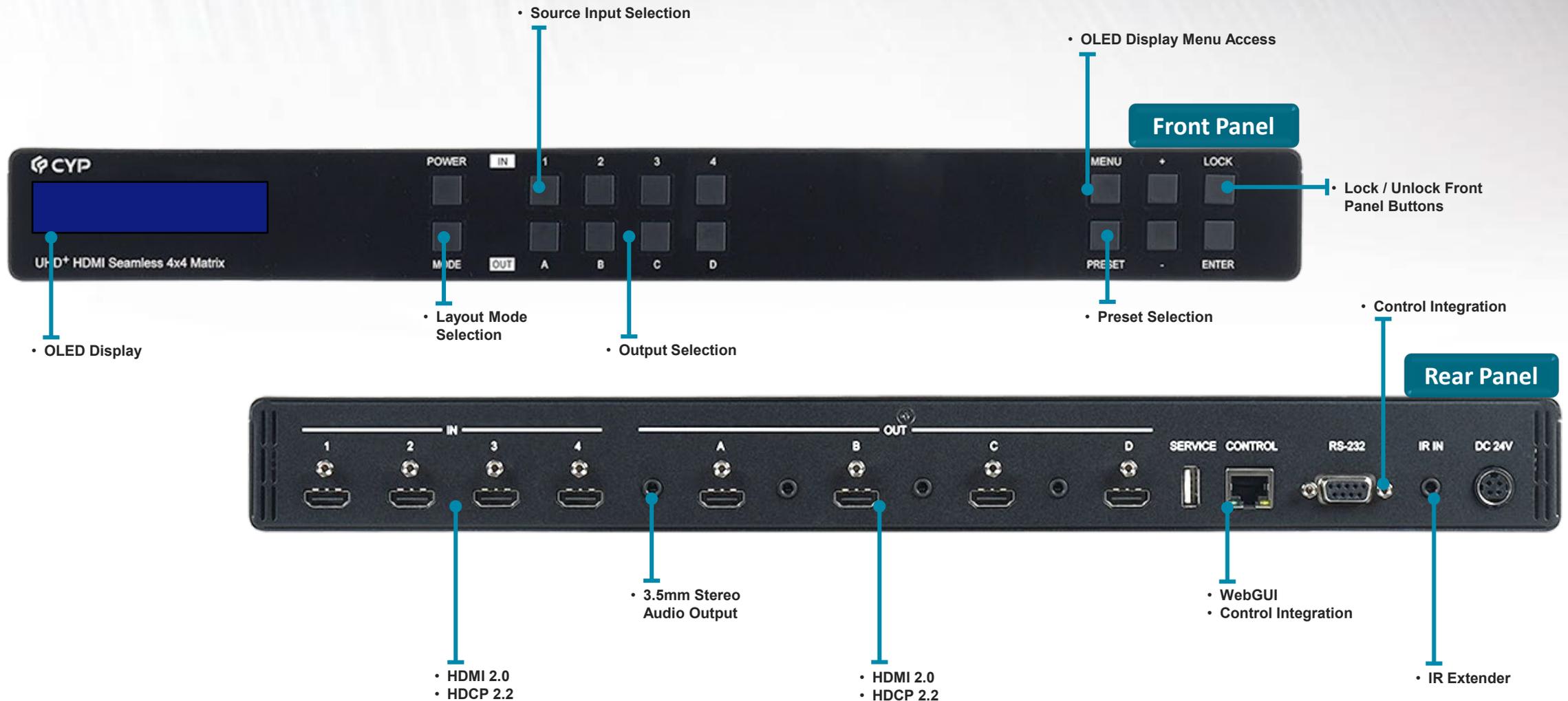


Multi-View, PiP, PoP

CPLUS-44SM

Video Input	4x HDMI	4K60 (4:4:4)
Video Output	4x HDMI	4K60 (4:4:4)
Audio	4x 3.5mm	Analog Stereo Out
Control I/O	LAN (RJ-45), IR Extender, RS-232	

CPLUS-44SM Interface



CPLUS-44SM Main Features: Seamless Switching

Lets you **change video sources instantly with no black screens or delays**; ensuring smooth, uninterrupted transitions.



HDMI



CPLUS-44SM Main Features: Video Wall

Transforms 4 displays into a unified video wall; **lets you scale and arrange sources freely for impactful, edge-to-edge visuals.**



HDMI



CPLUS-44SM Main Features: Multi-View

Displays **multiple video sources on one screen simultaneously**, perfect for monitoring or side-by-side collaboration.



CPLUS-44SM Main Features: Adaptive Layout Mode

Smartly adjusts layouts in real time to match your source count for a seamless visual flow.



HDMI



CPLUS-44SM Additional Features

Audio De-Embedding

Extracts HDMI audio to 3.5 mm stereo output, **enabling direct connection to external sound systems without disrupting video playback.**



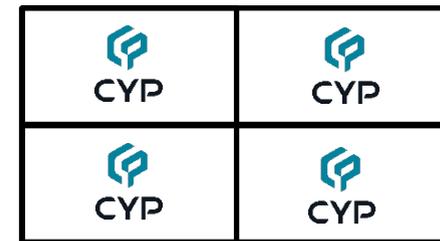
Control Integration

Easily integrates with CYP control keypads over LAN for simplified, **centralized switching and layout management across any display setup.**



Brand Display Mode

Display your company logo in the center of each screen, maintaining a polished and professional look while keeping your brand visible at all times.

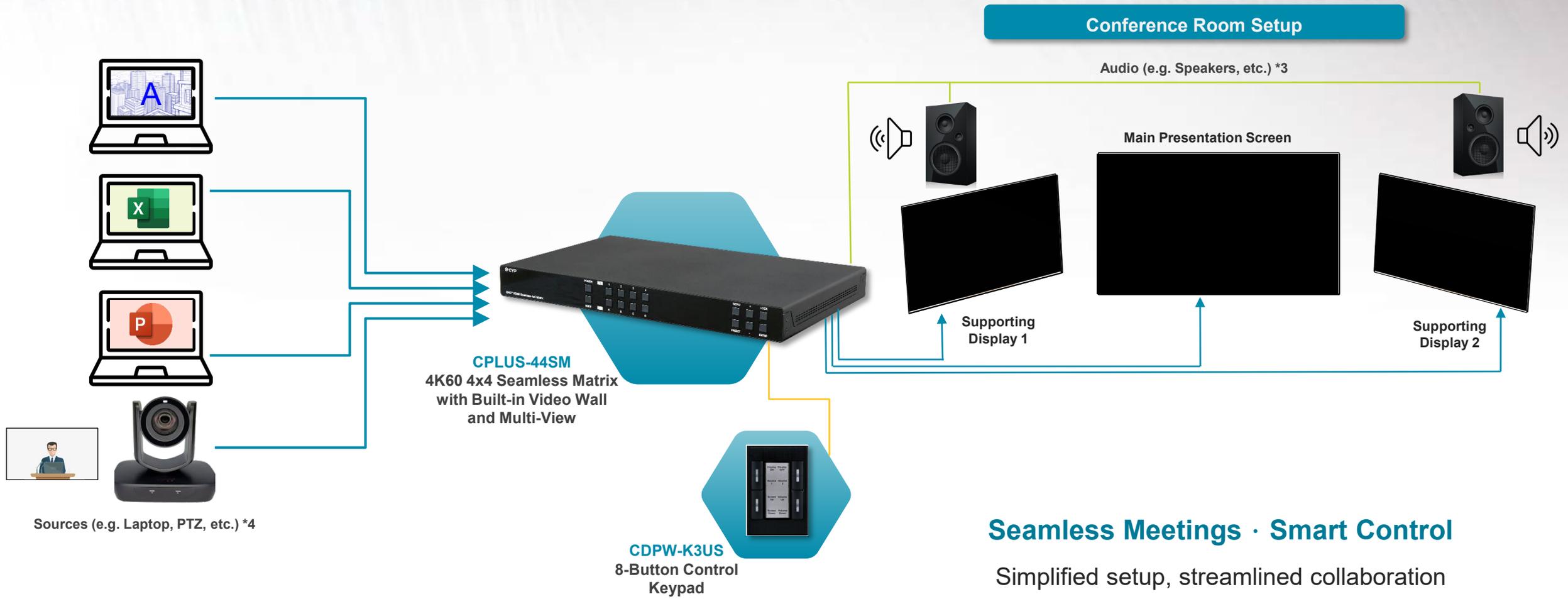


CPLUS-44SM Scenarios



CPLUS-44SM for Conference Room

CPLUS-44SM for Conference Room



Conference Room Setup

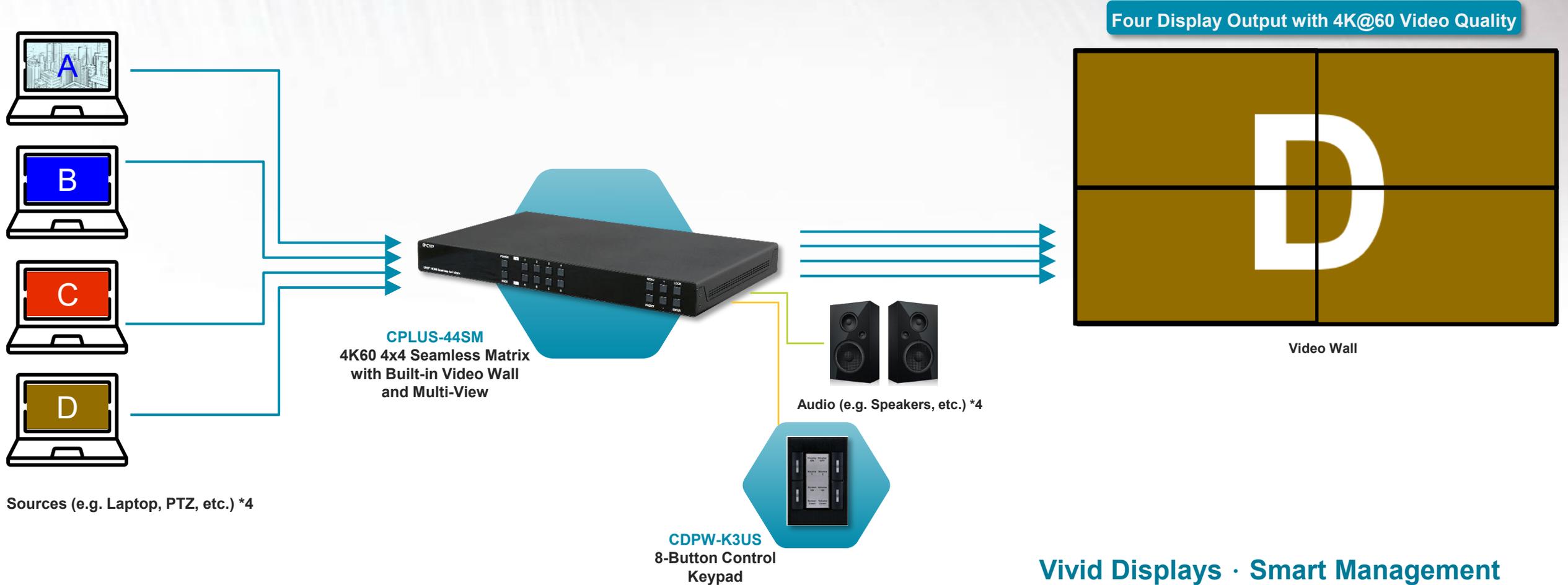
Seamless Meetings · Smart Control

Simplified setup, streamlined collaboration

CPLUS-44SM for Hospitality



CPLUS-44SM for Hospitality: Video Wall



Vivid Displays · Smart Management

Simplified setup, smooth performance



Control CPLUS-44SM using WebGUI

Control CPLUS-44SM using WebGUI

Route any input to any output independently, perfect for multi-display setups where each screen shows a different source.

The screenshot displays the CYP WebGUI interface for the CPLUS-44SM device. The top navigation bar includes the CYP logo and various utility icons. The left sidebar contains menu items for 'A/V Management', 'A/V Manipulation', and 'Diagnostics'. The main content area is titled 'A/V Management - Video Routing'. Under the 'Video Mode' section, the 'Matrix' button is highlighted with a red box, indicating it is the selected mode. Below this, the 'Video Inputs & Outputs' section is visible. A 2x2 grid of output screens is overlaid on the interface, with the top-left screen showing a cityscape and labeled 'A', the top-right screen being solid blue and labeled 'B', the bottom-left screen being solid red and labeled 'C', and the bottom-right screen being solid olive green and labeled 'D'. The 'Routing Settings' section is partially visible at the bottom.

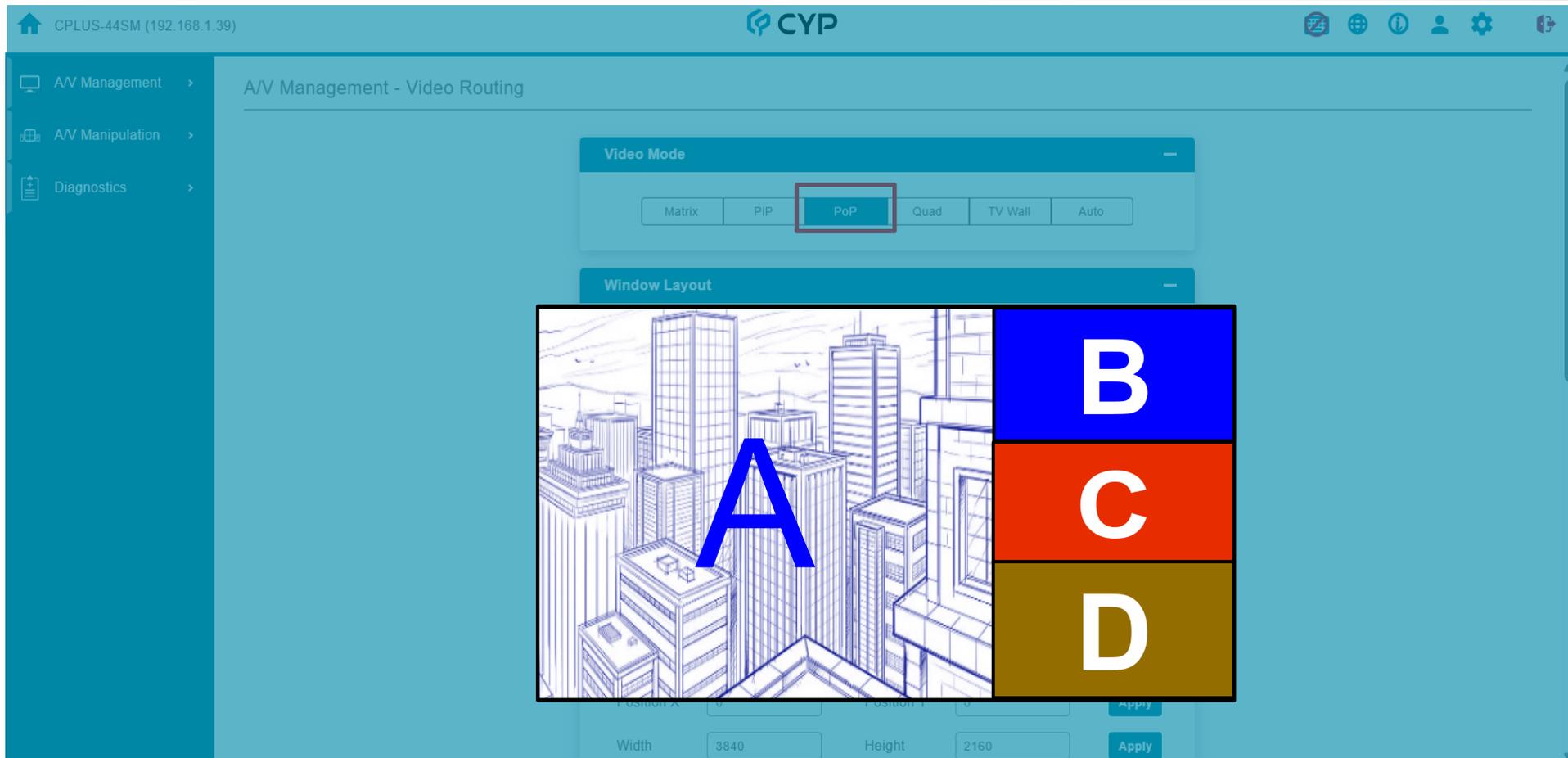
Control CPLUS-44SM using WebGUI

Keep your main presentation visible while showing a smaller window for video conferencing, live feeds, or speaker notes, great for hybrid meetings.

The screenshot displays the CYP WebGUI interface for the CPLUS-44SM device (IP: 192.168.1.39). The interface is divided into a left sidebar with navigation options: AV Management, AV Manipulation, and Diagnostics. The main content area is titled 'A/V Management - Video Routing'. It features two primary control sections: 'Video Mode' and 'Window Layout'. In the 'Video Mode' section, the 'PIP' option is selected and highlighted with a red box, alongside other modes: Matrix, PoP, Quad, TV Wall, and Auto. Below this, the 'Window Layout' section is partially visible. A large presentation window is overlaid on the interface, titled 'CYP 2023 Technology Day'. The presentation content includes: '檢測儀 認證線' (Measurement Instrument Certification Line), 'Ultra High Speed HDMI™ Cable', and product models 'CPHD-V4L', 'CPHD-V4', and 'CBL-H600-050'. A 'MADE IN TAIWAN' badge is prominently displayed. The main text of the presentation reads '100% 臺灣品牌、臺灣研發、臺灣製造' (100% Taiwan Brand, Taiwan R&D, Taiwan Manufacturing) and 'Made in 新北市中和區' (Made in Zhonghe District, New Taipei City). A speaker's name '林桓永' (Lin Huan Yong) is visible at the bottom of the presentation window. At the bottom of the WebGUI interface, there are input fields for 'Position X', 'Position Y', 'Width', and 'Height', with 'Width' set to 3840 and 'Height' set to 2160, and 'Apply' buttons.

Control CPLUS-44SM using WebGUI

Display one main source alongside three smaller supporting sources, ideal for highlighting a key presentation while keeping reference content or live feeds visible.



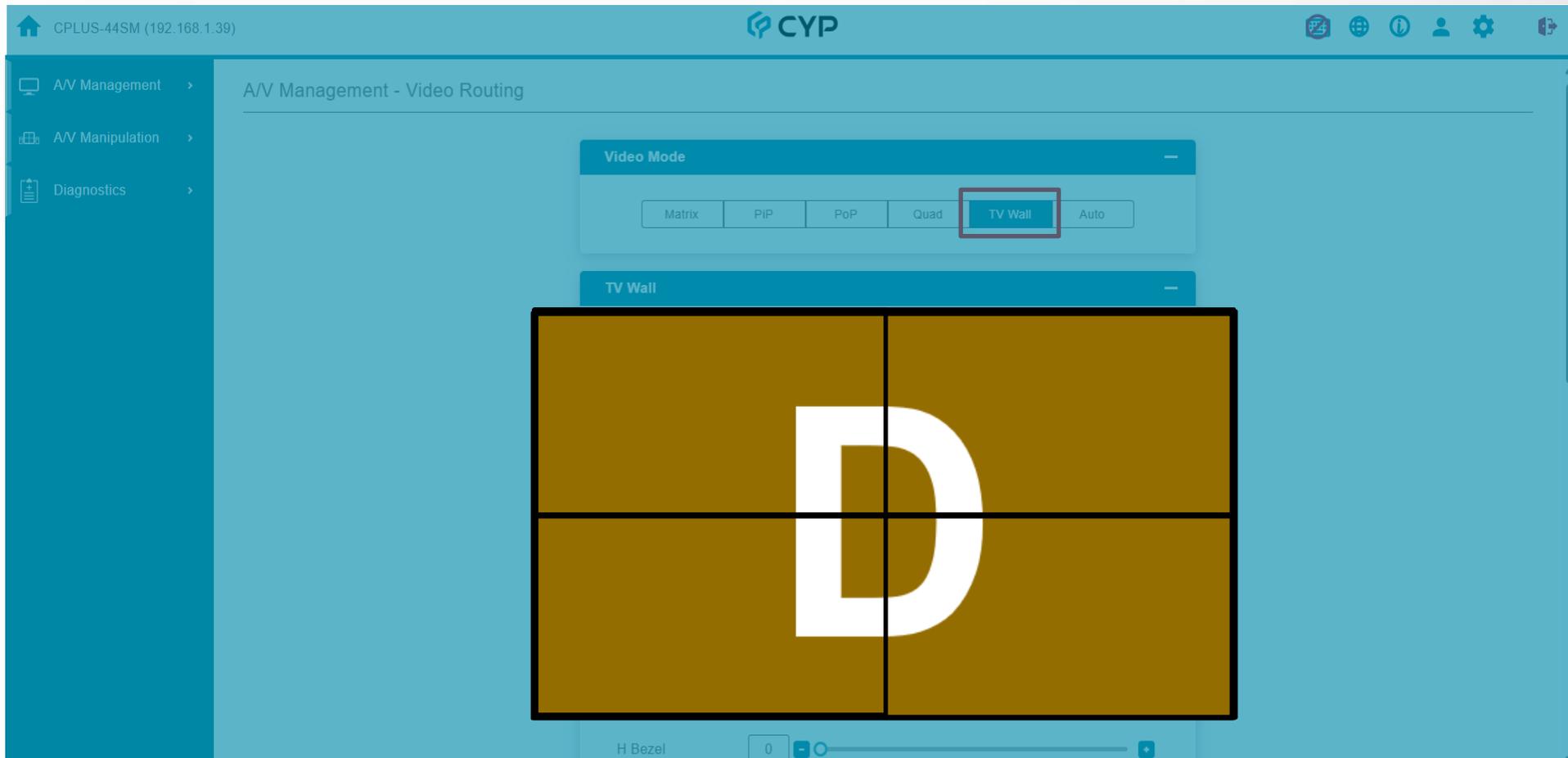
Control CPLUS-44SM using WebGUI

View all 4 sources simultaneously on a single screen, ideal for monitoring live feeds, presentations, and participants in real time.

The screenshot displays the CYP WebGUI interface for controlling the CPLUS-44SM. The main content area is titled 'A/V Management - Video Routing'. Under the 'Video Mode' section, the 'Quad' option is selected and highlighted with a red box. Below this, the 'Window Layout' section shows a 4x2 grid of video sources. The grid is composed of four rows and two columns. The top row contains sources labeled 'A' (blue background) and 'B' (blue background). The second row contains sources labeled 'C' (red background) and 'D' (olive background). The third row contains sources labeled 'A' (blue background) and 'B' (blue background). The bottom row contains sources labeled 'C' (red background) and 'D' (olive background). At the bottom of the interface, there are input fields for 'Width' (1842) and 'Height' (1560), and an 'Apply' button.

Control CPLUS-44SM using WebGUI

Combine four displays into a seamless 2x2 video wall, perfect for showcasing your brand, welcoming guests, or displaying dynamic content in reception and meeting spaces.



Control CPLUS-44SM using WebGUI

Automatically arranges up to 4 connected sources when one is plugged in or removed, keeping transitions smooth with minimal manual control.

The screenshot displays the CYP WebGUI interface for the CPLUS-44SM device. The interface is divided into a left sidebar with navigation options: 'AV Management', 'AV Manipulation', and 'Diagnostics'. The main content area is titled 'A/V Management - Video Routing'. It features two primary control sections: 'Video Mode' and 'Window Layout'. The 'Video Mode' section includes buttons for 'Matrix', 'PIP', 'PoP', 'Quad', 'TV Wall', and 'Auto', with the 'Auto' button highlighted by a red box. The 'Window Layout' section is currently empty. Below these controls is a large preview window showing a cityscape with a large blue letter 'A' overlaid in the center. To the right of the preview window is a vertical stack of four source icons labeled 'A', 'B', 'C', and 'D', each represented by a laptop icon. At the bottom of the interface, there are input fields for 'Width' (26880) and 'Height' (26880), along with an 'Apply' button.

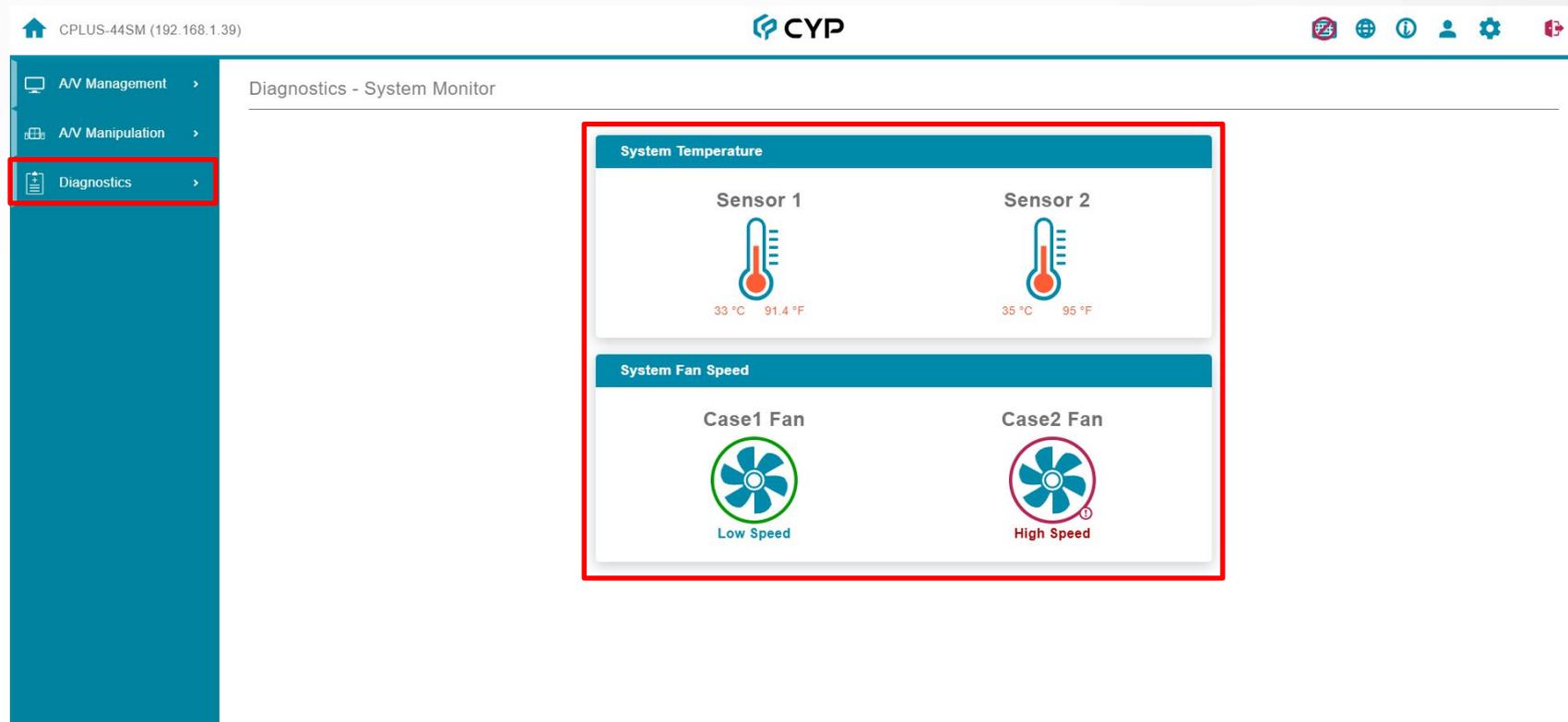
Control CPLUS-44SM using WebGUI

Show your company logo when no source is active, perfect for maintaining a professional, branded look.

The screenshot displays the CYP WebGUI interface for the CPLUS-44SM device. The top navigation bar includes the CYP logo and various utility icons. The left sidebar contains menu items for A/V Management, A/V Manipulation (highlighted with a red box), and Diagnostics. The main content area is titled 'A/V Manipulation - Logo Settings' and features a 'Logo Configuration' panel. This panel includes a 'Display Logo' toggle set to 'Disabled', and sliders for 'H Position' and 'V Position', both currently set to 10. Below the settings panel, a 2x2 grid of white boxes, each containing the CYP logo, is overlaid on the interface to demonstrate the branding.

Control CPLUS-44SM using WebGUI

Keep track of device health in real time, view internal temperature and fan speed to ensure optimal performance and stability.



The screenshot displays the CYP WebGUI interface for the CPLUS-44SM device (IP: 192.168.1.39). The page is titled "Diagnostics - System Monitor". A sidebar on the left contains navigation options: "A/V Management", "A/V Manipulation", and "Diagnostics", with the "Diagnostics" option highlighted by a red box. The main content area is enclosed in a red border and contains two sections:

- System Temperature:** Displays two sensors. Sensor 1 shows 33 °C (91.4 °F) and Sensor 2 shows 35 °C (95 °F).
- System Fan Speed:** Displays two fans. Case1 Fan is at Low Speed and Case2 Fan is at High Speed.

4K HDMI Extenders

CH-519TXL/RXL

HDMI to CAT5e/6 with IR/RS232 (4K@60 420 up to 40M)

CH-519TXL (Transmitter) / CH-519RXL (Receiver)

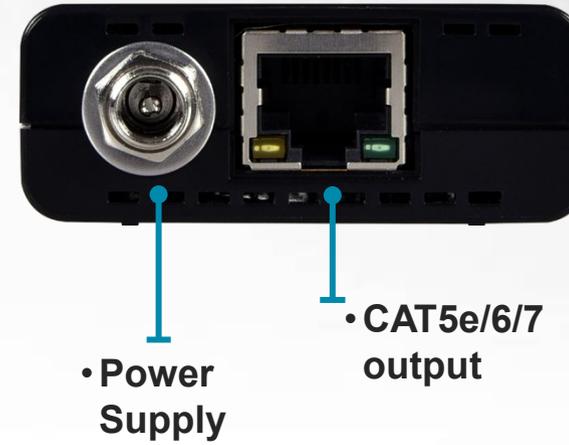
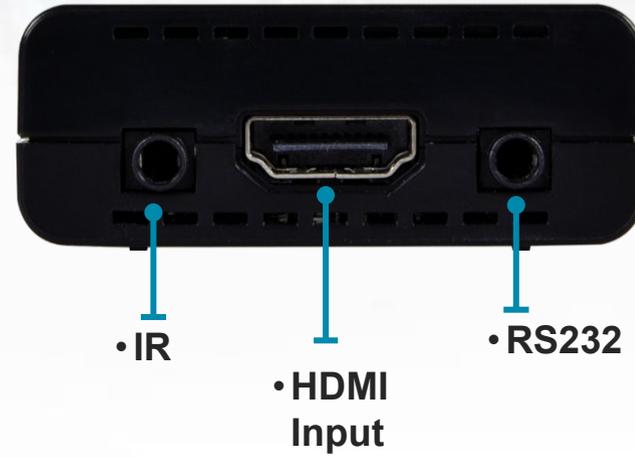
	CH-519TXL	CH-519RXL
Product		
Max distance	70m (1080p), 40m (4K)	
Resolution	4K@60Hz (YUV 4:2:0), 4K@30 (YUV 4:4:4)	
Audio	LPCM, Bitstream, HD Bitstream	
Input	HDMI	CAT5e/6/7
Output	CAT5e/6/7	HDMI
Support	Support IR & RS-232 pass-through	

ราคาคู่ละ **17,000 Exvat7%**

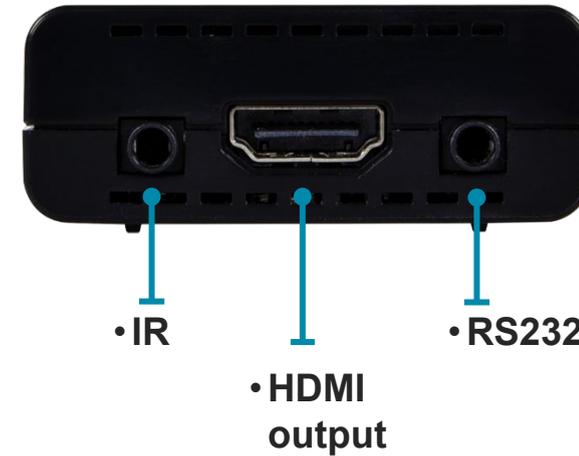
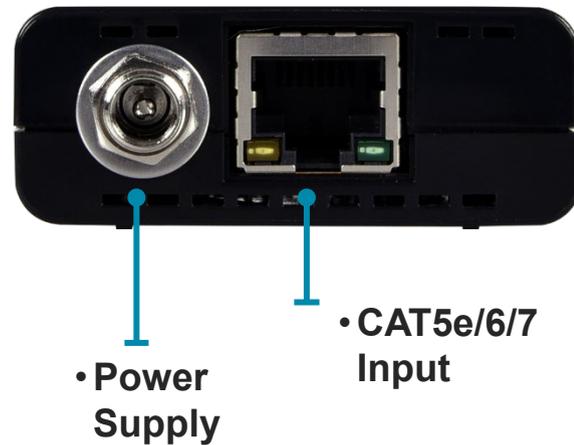


CH-519TXL/RXL Interface

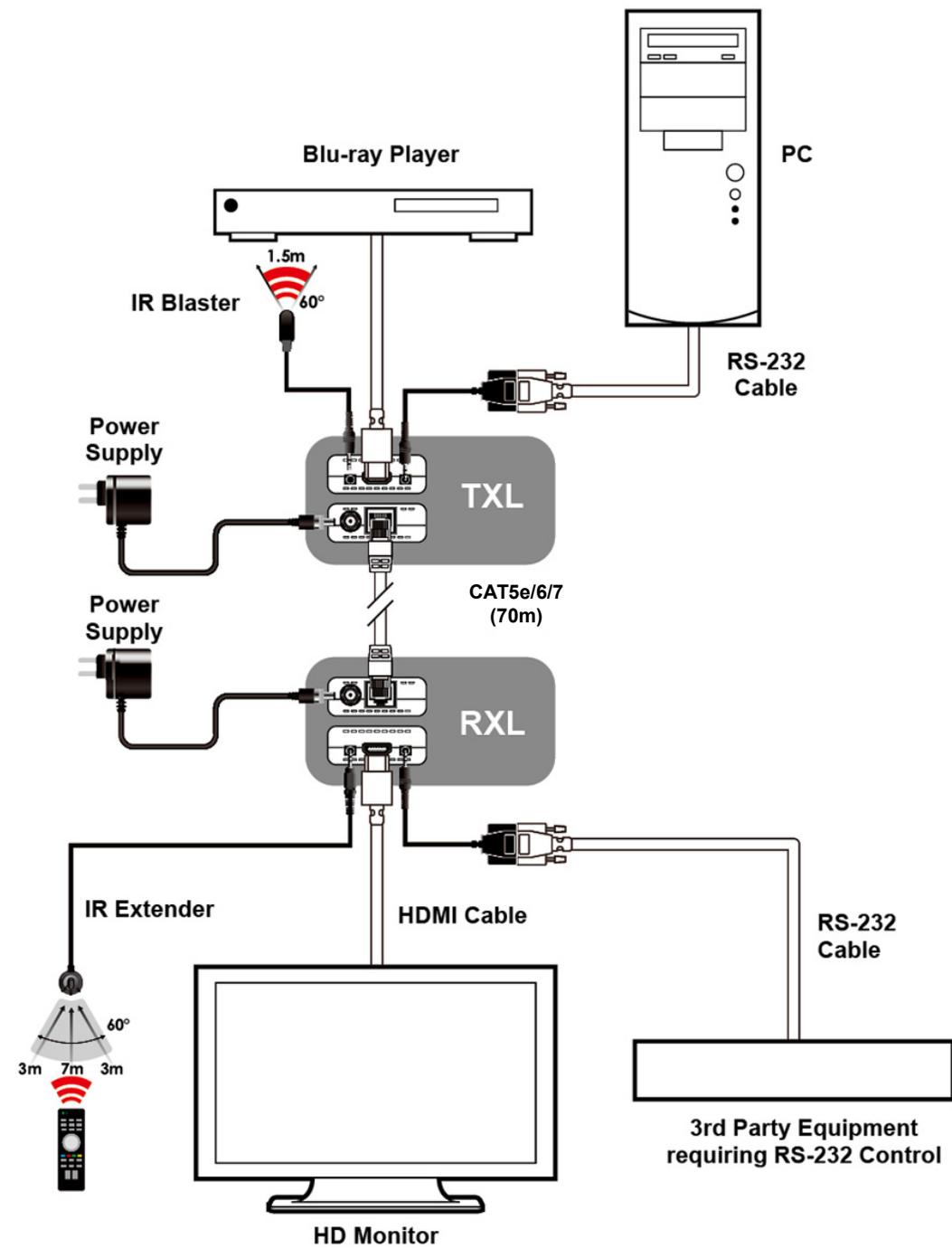
CH-519TXL



CH-519RXL



Diagram



CH-507TXBD & CH-507RXBD

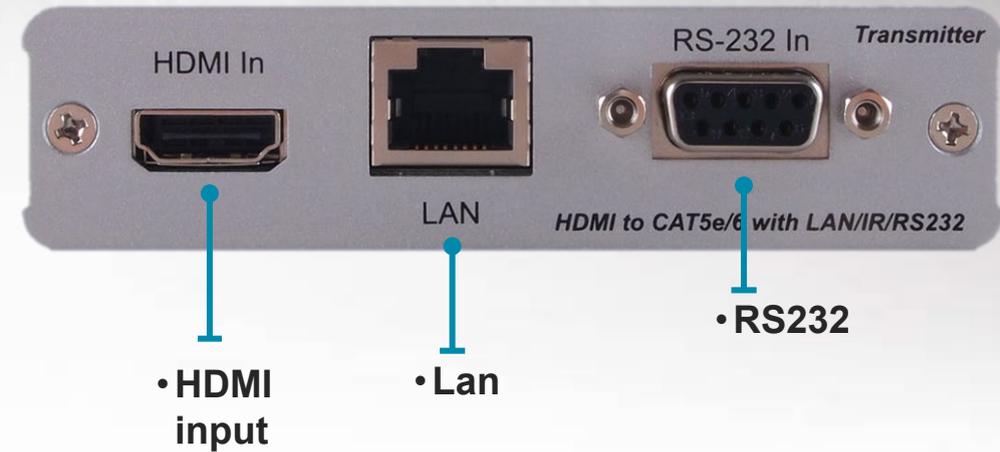
CAT5e/6/7 to HDMI with LAN/IR/RS-232 (4K@60 420 up to 70M)

CH-507TXBD (Transmitter) / CH-507RXBD (Receiver)

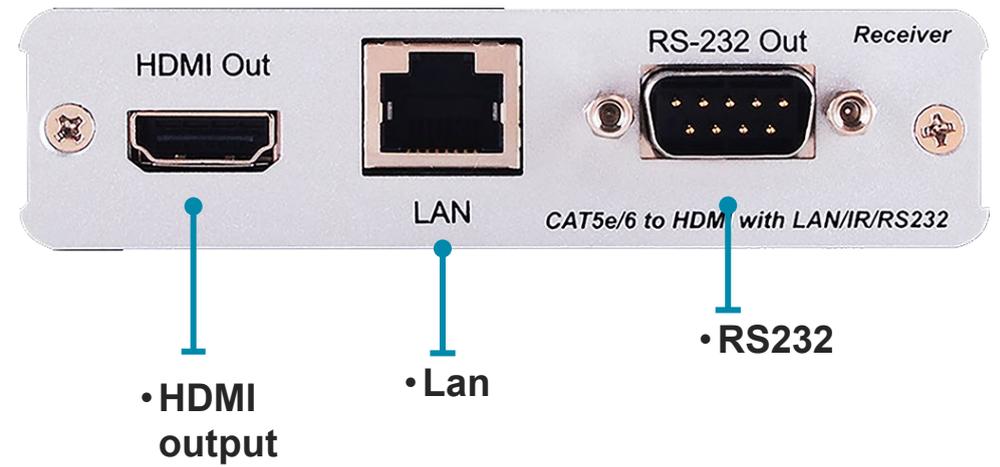
	CH-507TXBD	CH-507RXBD
Product	 <p>2 YEARS WARRANTY</p> <p>15,000 Exvat7%</p>	 <p>2 YEARS WARRANTY</p> <p>15,000 Exvat7%</p>
Max distance	100m (1080p), 70m (4K)	
Maximum Resolution	4K@60Hz (YUV 4:2:0)	
Audio	LPCM 2.0/5.1/7.1, Bitstream, HD Bitstream	
Input	HDMI	CAT5e/6/7
Output	CAT5e/6/7	HDMI
Bi-directional Power over Cable (PoC)	Yes	
Support	LAN,IR & RS-232 pass-through	

CH-507TXBD & CH-507RXBD Interface

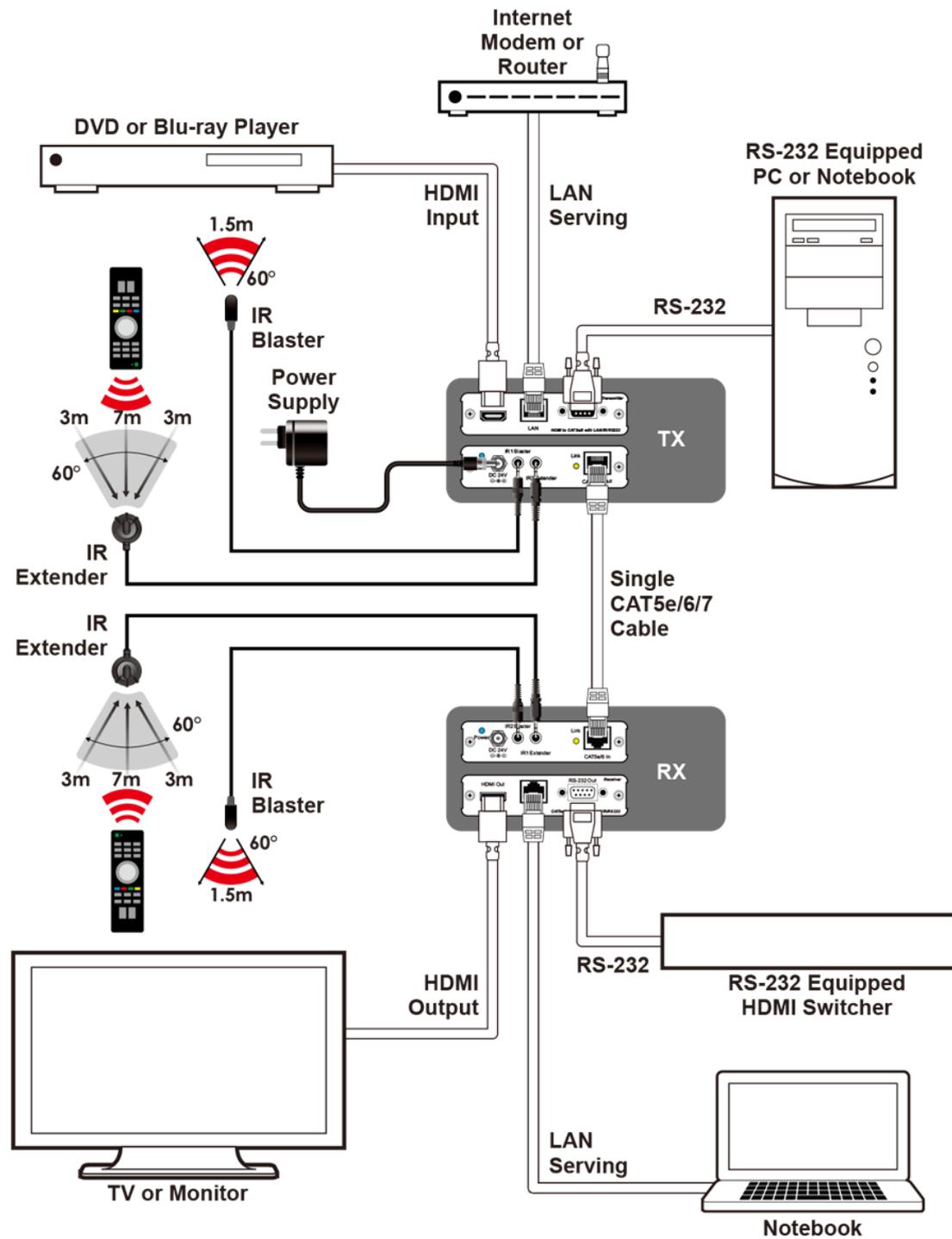
CH-507TXBD



CH-507RXBD



Diagram



CH-2537TXWPUS & CH-2527RX

UHD+ HDMI/VGA over HDBaseT Wallplate Switcher

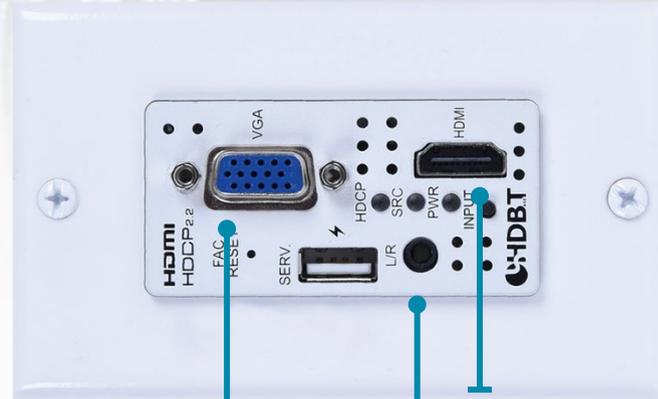
UHD HDMI over HDBaseT Receiver with PoH (4K@60 420 up to 70M)

CH-2537TXWPUS (Transmitter) / CH-2527RX (Receiver)

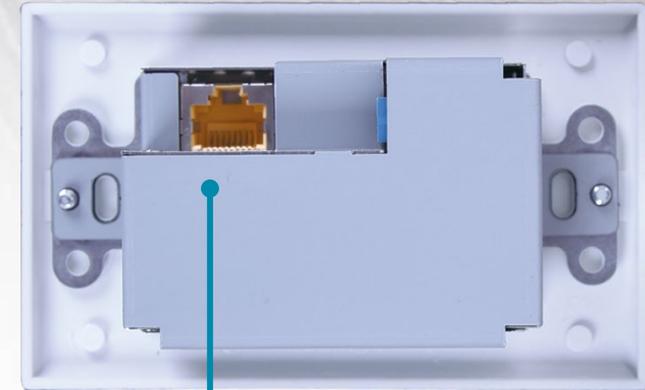
	CH-2537TXWPUS	CH-2527RX
Product	 <p>2 YEARS WARRANTY</p> <p>30,000 Exvat7%</p>	 <p>2 YEARS WARRANTY</p> <p>21,000 Exvat7%</p>
Max distance	100m (1080p), 70m (4K)	
Maximum Resolution	4K@60Hz (YUV 4:2:0)	
Audio	3.5mm audio input	
Input	HDMI, VGA, Stereo Audio	CAT5e/6/7
Output	CAT5e/6/7	HDMI
PoH	48V PoH PSE (powers compatible TX)	
Support	WebGUI, CEC bypass, OSD, Auto/Manual input switching	

CH-2537TXWPUS & CH-2527RX Interface

CH-2537TXWPUS



- VGA Input
- HDMI input
- Audio



- CAT5e/6/7 output

CH-2527RX

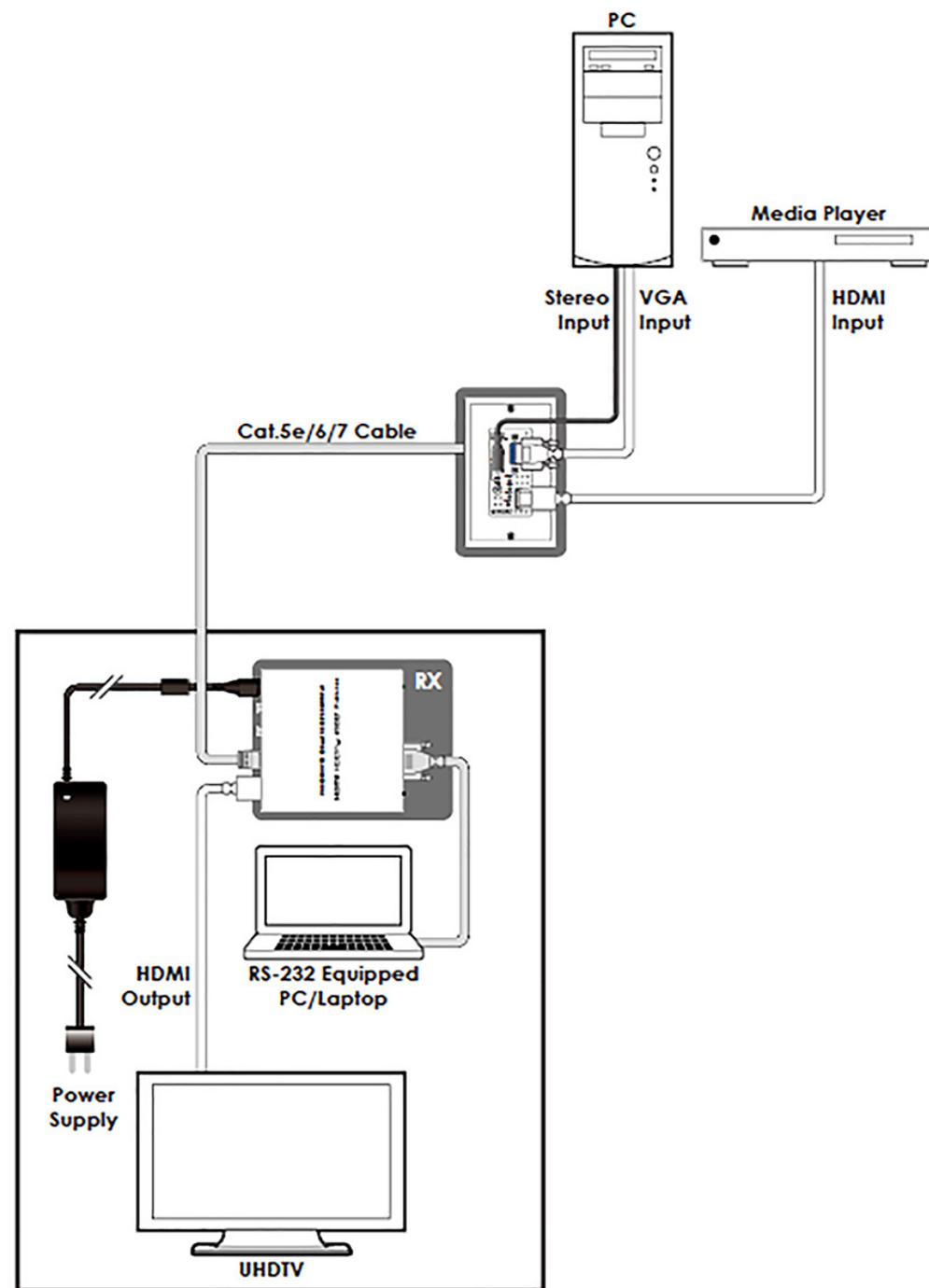


- Power Supply
- IR
- CAT5e/6/7 Input
- HDMI output



- RS232
- Lan

Diagram



USB Extenders



CH-730TX & CH-730RX

USB 3.2 over Category Cable



CH-730TX (Transmitter) / CH-730RX (Receiver)

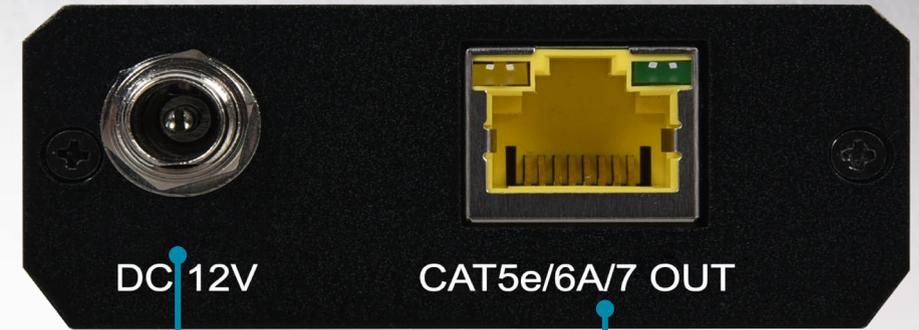
	CH-730TX	CH-730RX
Product	  <p>11,000 Exvat7%</p>	  <p>11,000 Exvat7%</p>
Max distance	100m via CAT5e/6/7	
USB Performance	3.2 Gen1, SuperSpeed 5Gbps	
Input	1x USB-C Host	1 x CAT5e/6/7 1x USB-A Device
Output	1 x CAT5e/6/7	1 × USB-C 3 × USB-A
Power	By host USB-C, 5V/900mA	By Power Adapter 12V/3A

CH-730TX & CH-730RX Interface

CH-730TX



- USB C
- USB A

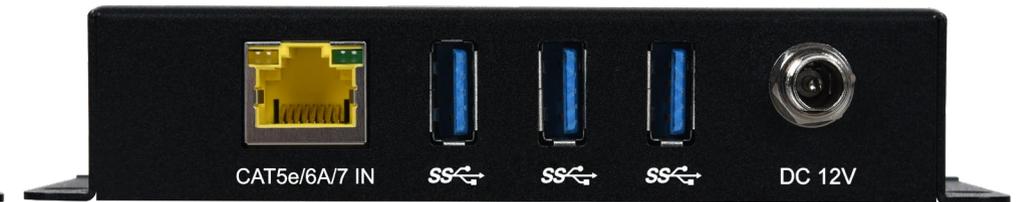


- Power Supply
- CAT5e/6/7 output

CH-730RX

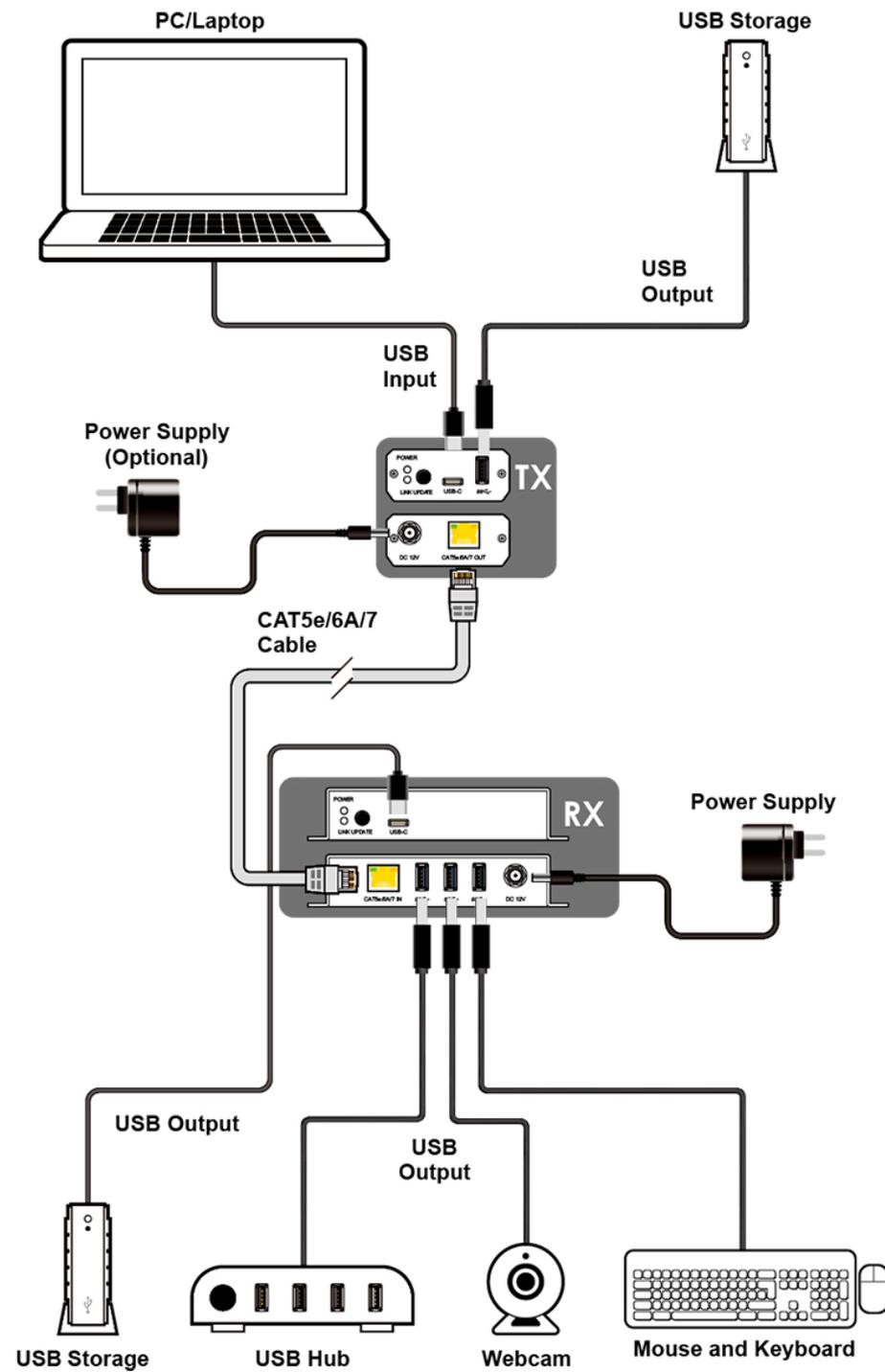


- USB C



- CAT5e/6/7 Input
- USB
- Power Supply

Diagram



Multiview and Recorder



CSC-VPR-3421

Multiview Modular Processor



CSC-VPR-3421

Multiview Modular Processor Support 4K UHD, Multi-View, Streaming and Recording



CSC-VPR-3421

Input	4x HDMI + Audio In	4K@60 8 bit YUV 4:4:4
Output	2x HDMI + Audio Out	4K@60 8 bit YUV 4:4:4
Audio	3 x Stereo (3.5mm)	2 x Stereo (3.5mm)
Control I/O	Front panel buttons, WebGUI, Telnet, RS-232	

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

4K
Ultra HD

Web GUI

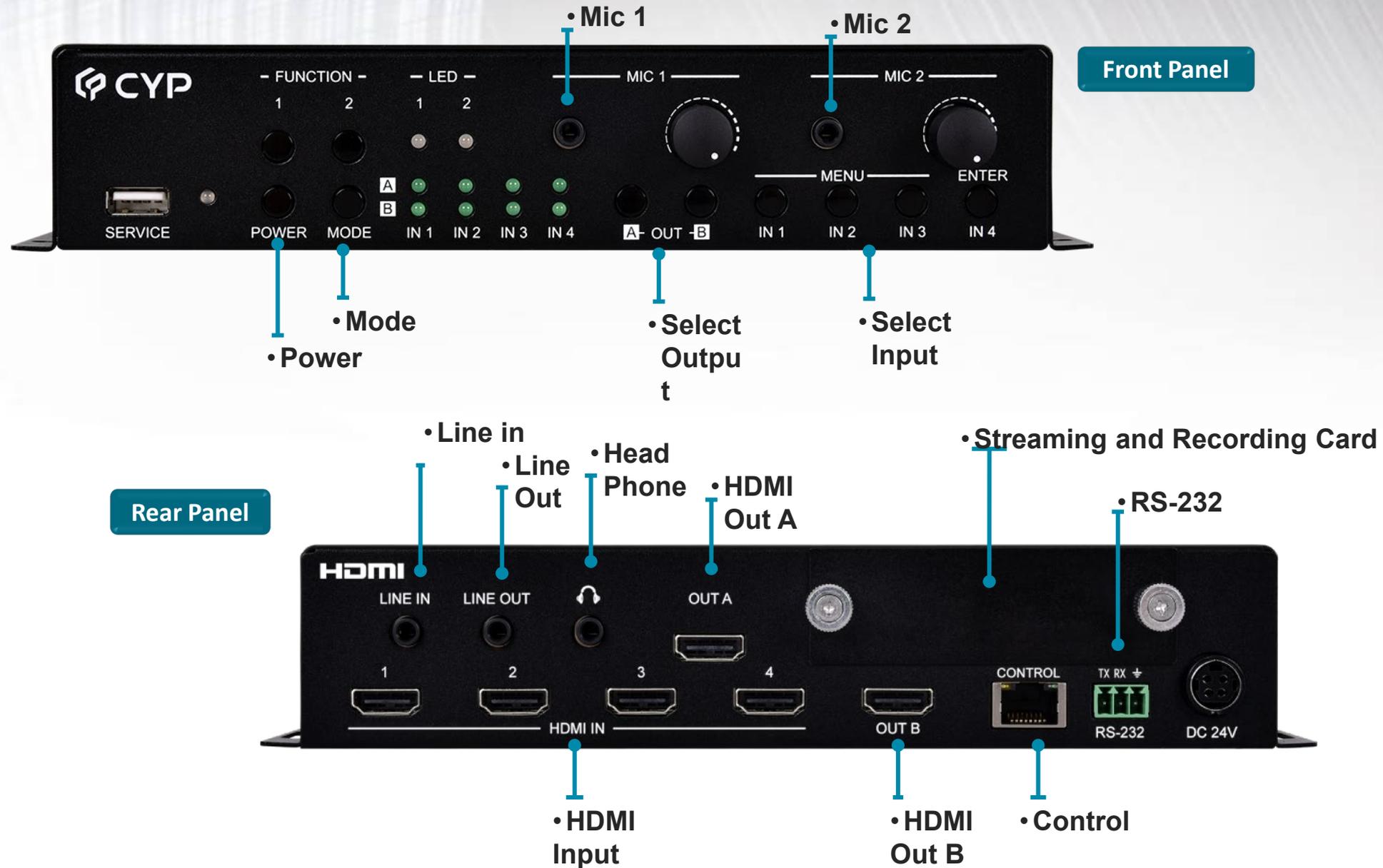


Multi-View, PiP, PoP

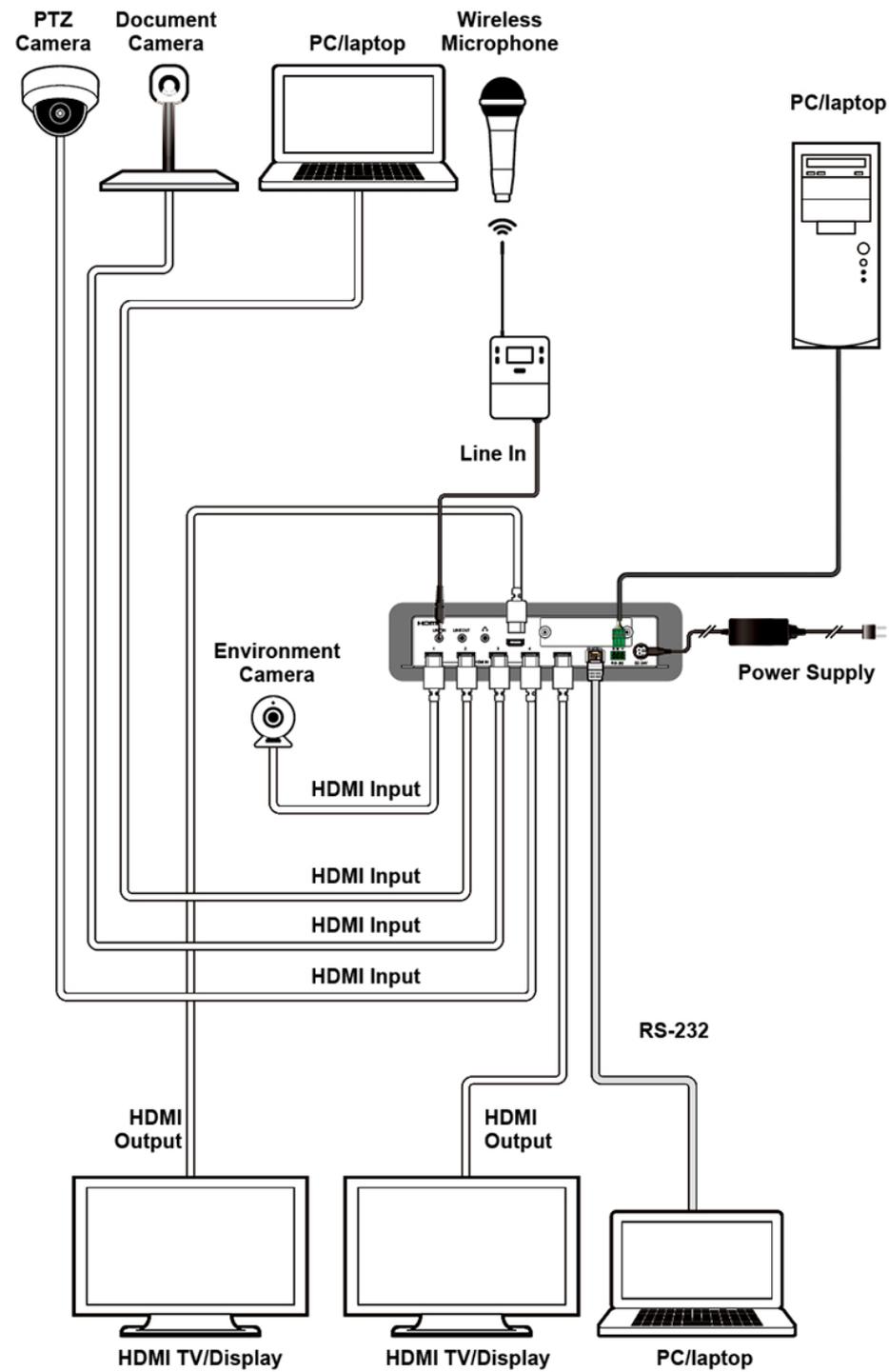
95,000 Exvat7%



CSC-VPR-3421 Interface



Diagram



Switcher and Multiview

CDPS-41SQN

4×1 HDMI Switcher with PiP/PoP & Multi-Window Display

CDPS-41SQN

4x1 HDMI Switcher + Scaler
Supports Multi-Window, PiP/PoP, Seamless Switching



CDPS-41SQN

Input	4x HDMI	1080p@60 12-bit YUV 4:4:4
Output	1x HDMI	1080p@60 12-bit YUV 4:4:4
Control I/O	Front panel buttons, WebGUI, Telnet, RS-232	



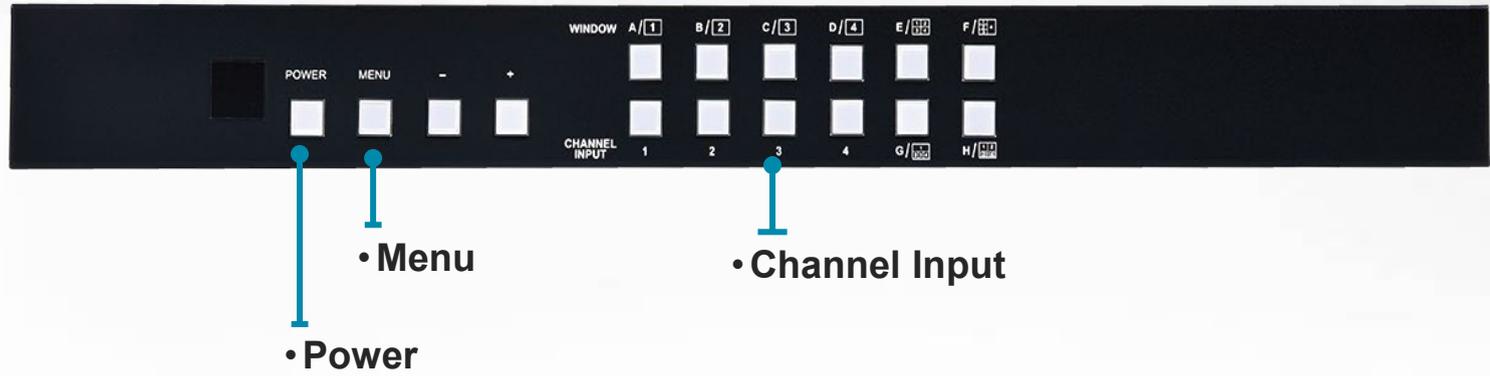
Multi-View, PiP, PoP

69,000 Exvat7%

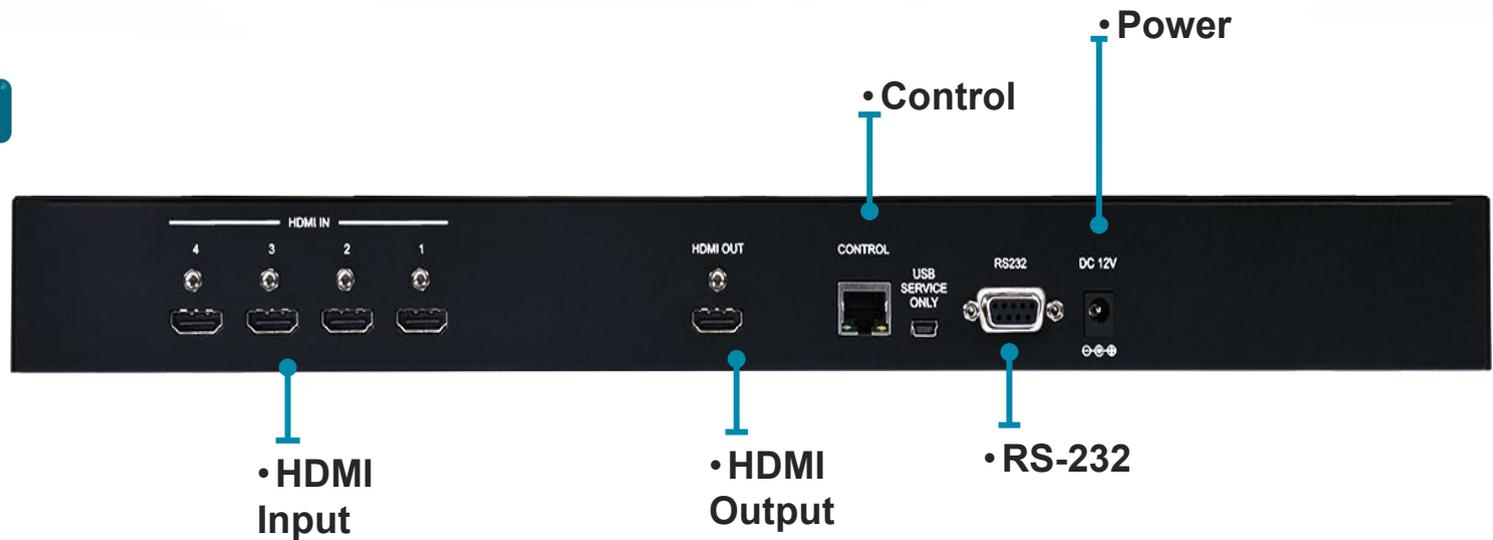


CDPS-41SQN Interface

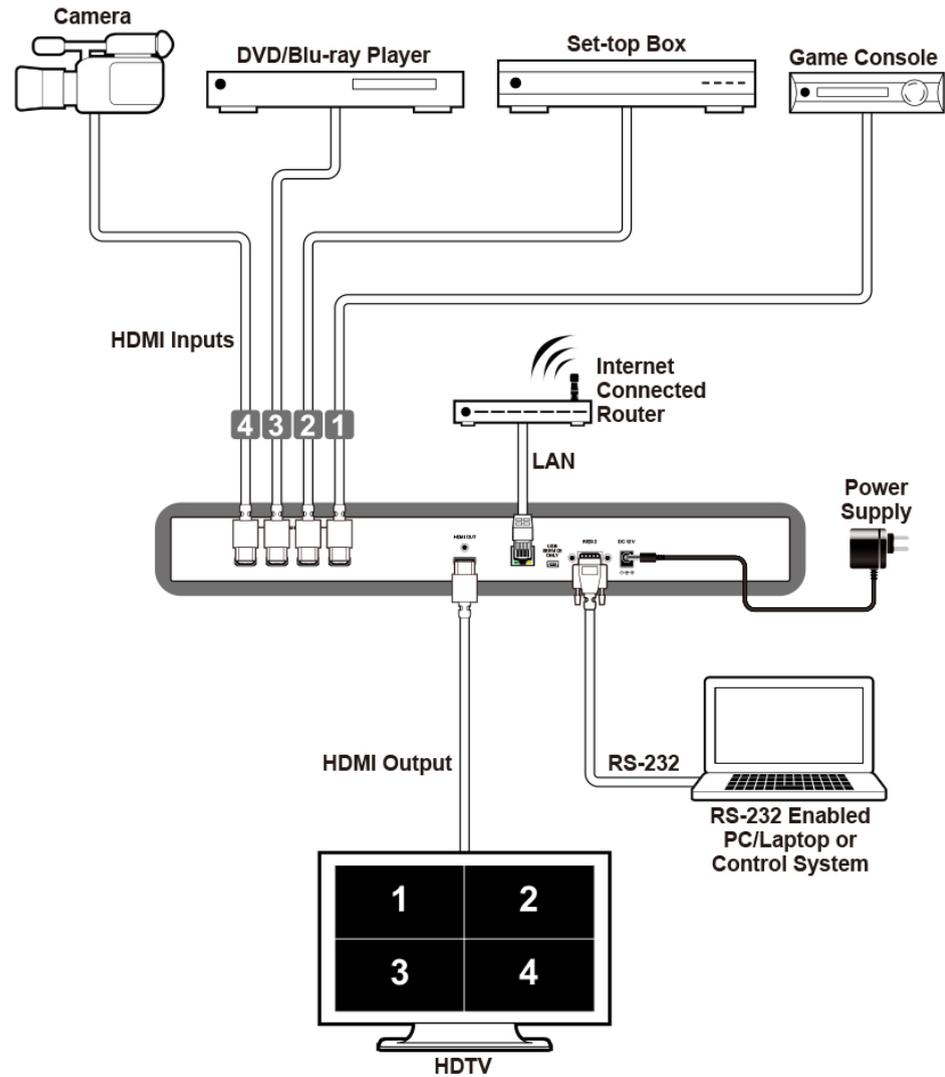
Front Panel



Rear Panel



Diagram



Screen Configurations:



HDMI Signal Generator & Analyzer

CPHD-V4L

UHD+ HDMI Signal Generator & Analyzer
(Portable Version)

CPHD-V4L



What is CPHD-V4L

เครื่องมือแบบพกพา สำหรับ generate และ analyze สัญญาณ HDMI

วิเคราะห์สัญญาณระหว่าง Source → Display

ตรวจสอบปัญหา HDCP handshake / EDID mismatch

ทดสอบสาย HDMI และ Connector

รองรับ HDMI 2.0a, HDCP 2.x, HDR

เหมาะกับการติดตั้ง และการแก้ปัญหาด้านสัญญาณ



31,000 Exvat7%



CPHD-V4L Feature

Analyzer Mode: วิเคราะห์ video, audio, timing, packet

Scaling: 4K → 1080p

HDR Static Metadata ตามมาตรฐาน CEA-861-F / CEA-861.3

HDCP และ SCDC Monitoring

23 ความละเอียด + 17 Test Patterns

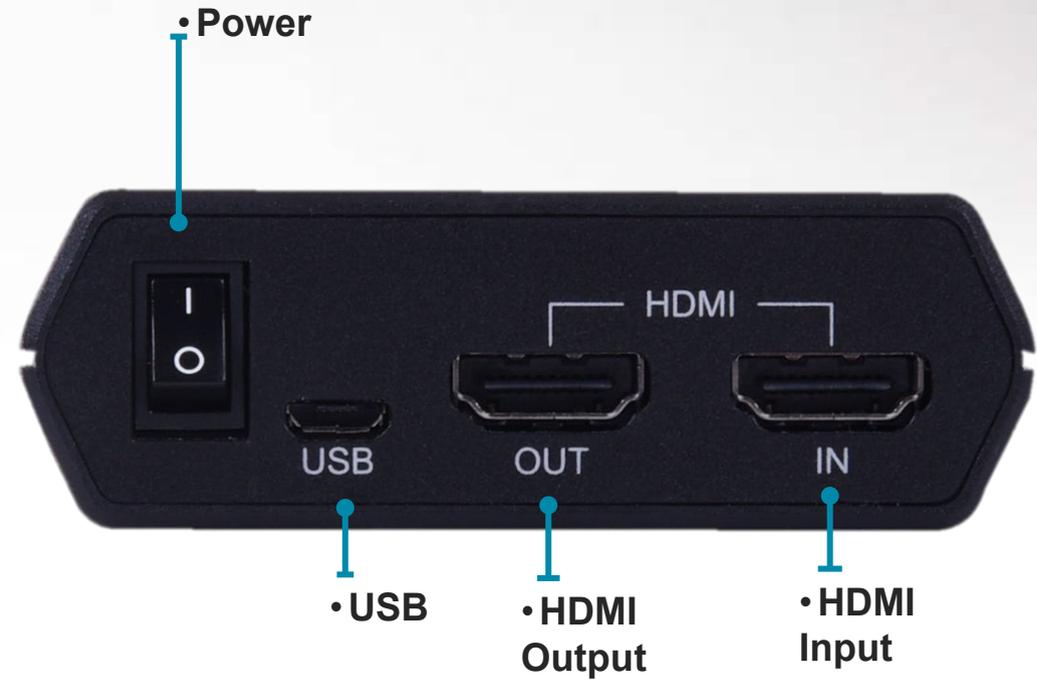
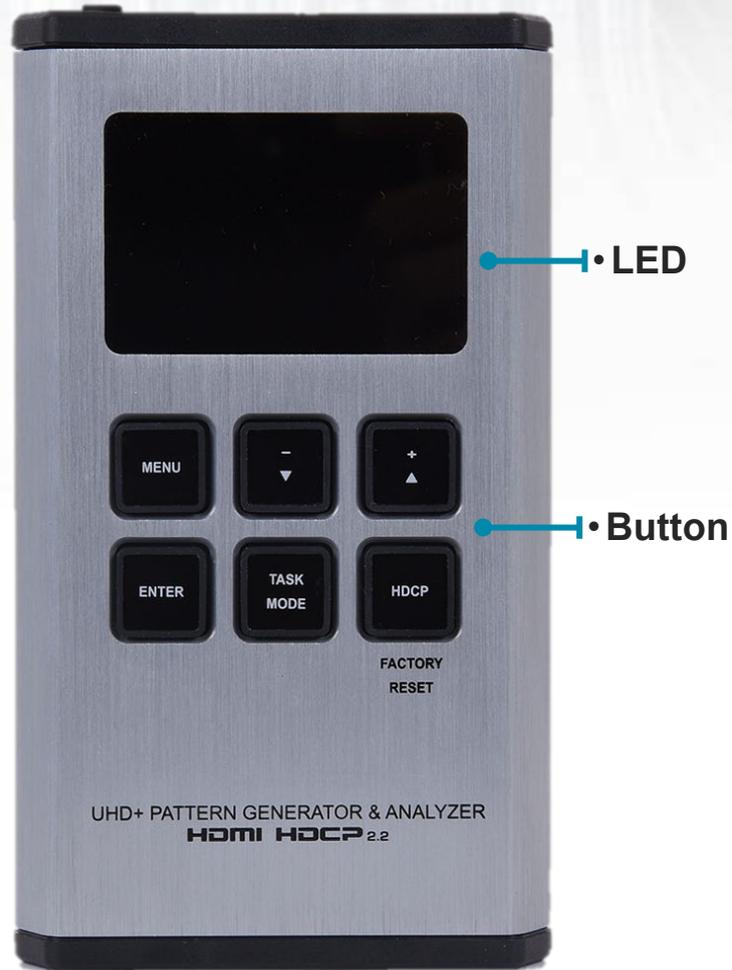
Audio: LPCM 8 ช่อง

EDID Management & Emulation

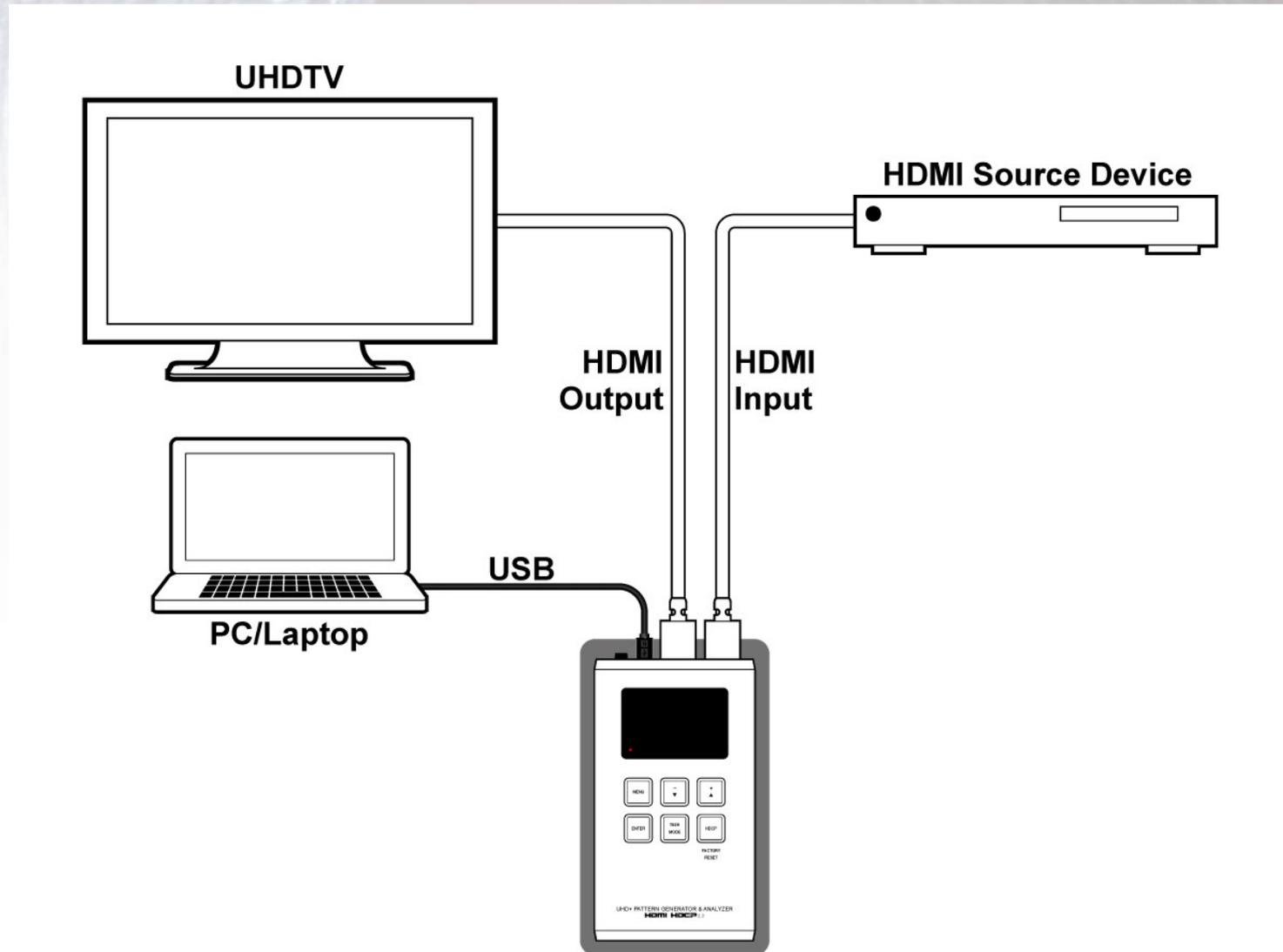
Battery / USB Powered

หน้าจอ OLED ควบคุมง่าย

CPHD-V4L Interface



Diagram

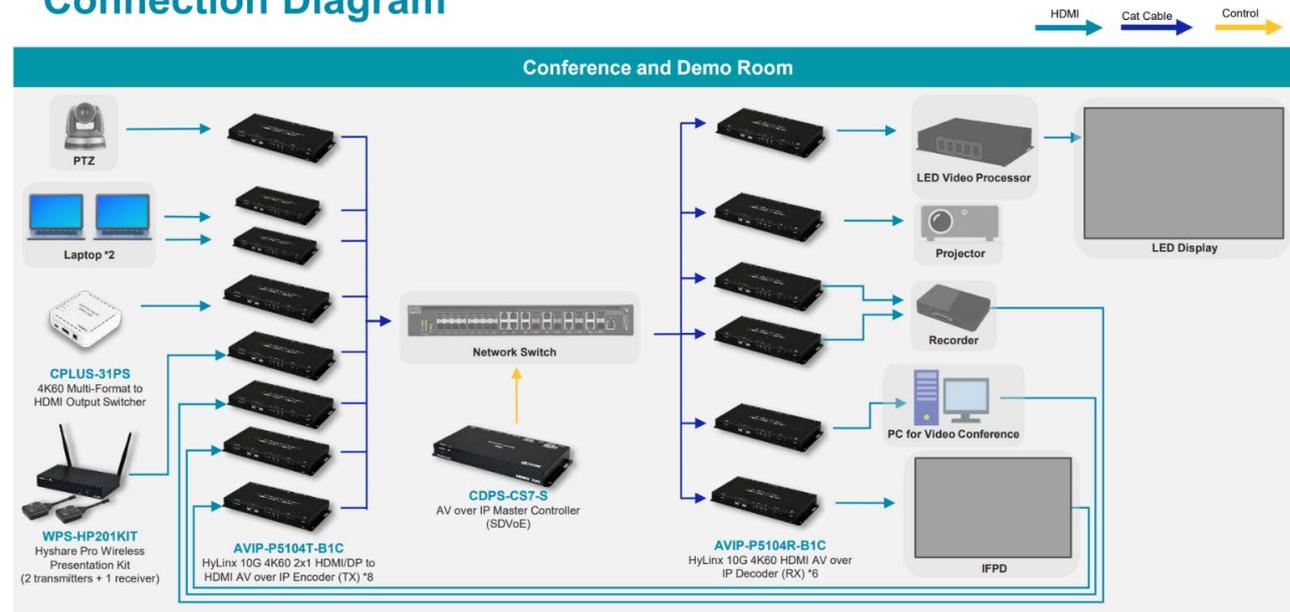


Site Reference

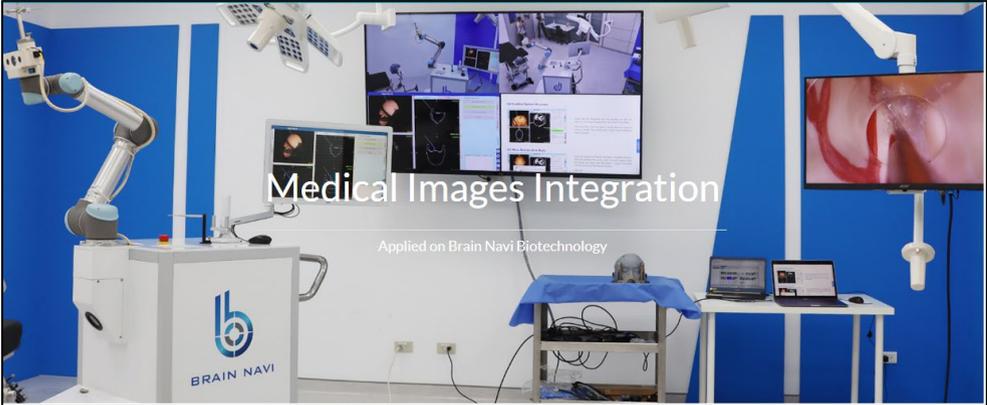
SENICT Conference and Demo Room (Taiwan)

โครงการติดตั้งระบบ HyLinx AV over IP ในห้องประชุมของ SENICT ที่ออกแบบให้สามารถแสดงภาพหลายหน้าต่างพร้อมกัน (multi-window processing) บนจอ LED Video Wall ความละเอียดสูง เพื่อใช้สาธิตและประชุมร่วมกับพันธมิตร

Connection Diagram

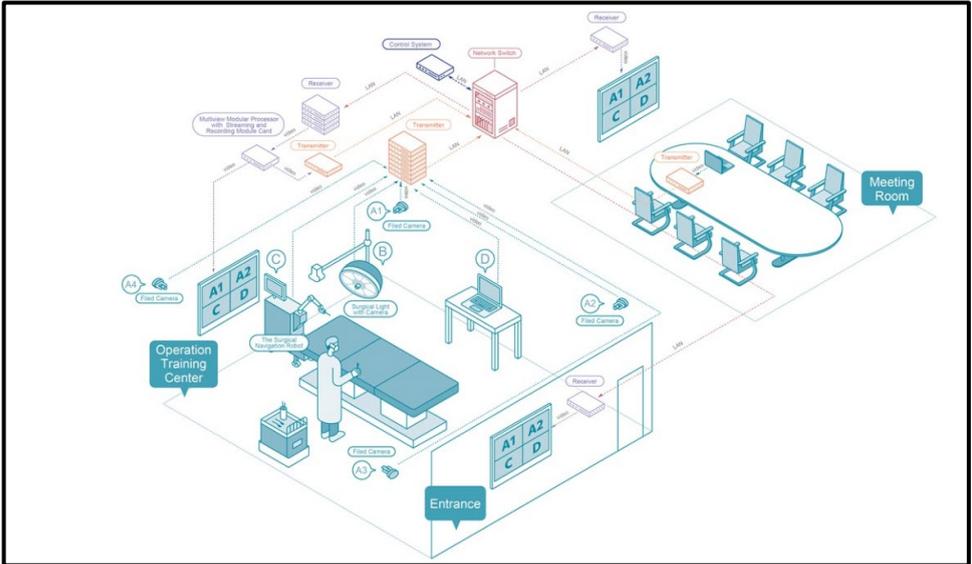


Site Reference



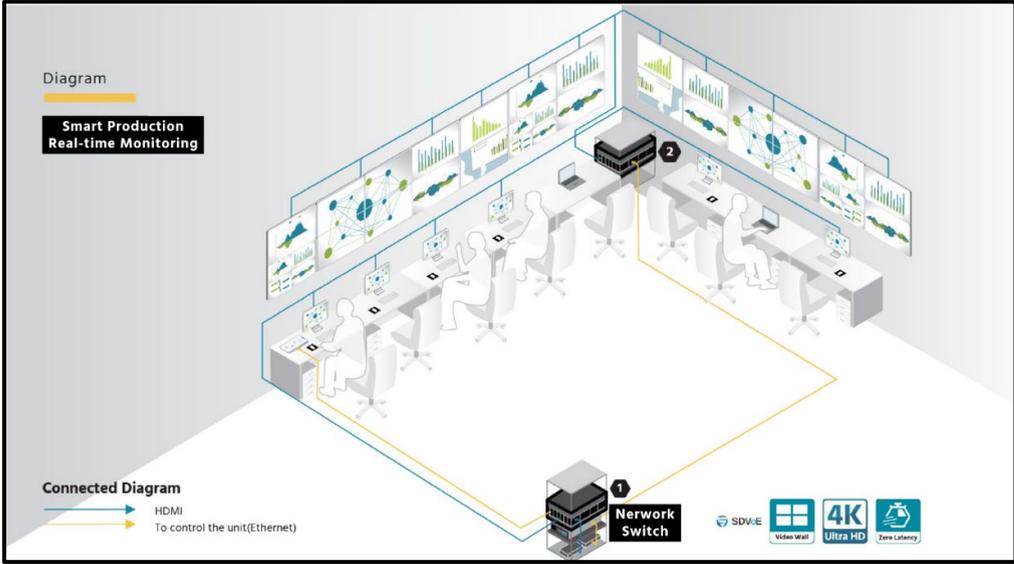
Brain Navi Biotechnology

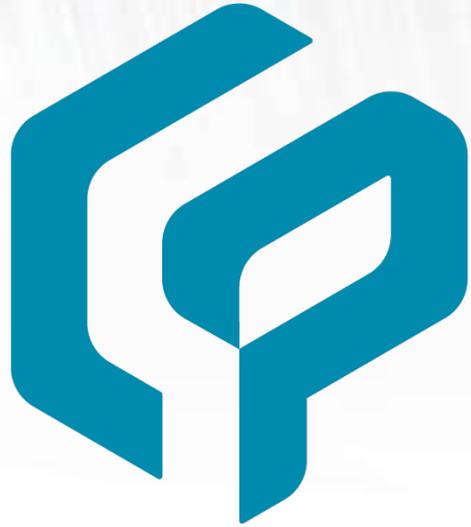
Seamless integration of surgical robot visuals, multiple surgical field cameras, and training materials into quad-view or multi-view with flexible arrangement displayed on large screens.



Smart Production Real-time Monitoring in South Africa

The **10G AV over IP solution** enables long-distance, zero-latency signal transmission and real-time integration on a central video wall for production monitoring.





CYP

Warranty 2 years



Thank You

<https://www.cypress.com.tw/>

