



Pro AV Solutions

2025-2026



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Selection Guide

About CYP

Cypress Technology (CYP) was founded in 1990 and specializes in the design and manufacture of innovative Pro AV and Multimedia products. Our product range includes a wide variety of AV signal distributors, switches, scalars, extenders, and format converters designed to enhance and simplify the signal path between sources and displays, across a multitude of AV technology generations, to meet our customers' needs.

Based on our core Pro AV technologies, we also offer dedicated solutions to various vertical markets while enhancing their workflow and streamlining the entire process.

Our Vision

We create every opportunity to see and be seen, expanding your horizons endlessly.



Based in Taiwan
Expand Globally



Production
27%

Sales, Service and
Logistics Support
39%

CYP was founded by R&D engineers, and providing Pro AV solutions to help our customers achieve their goals has always been our mission. Our passion for innovation drives us forward, while our in-house design capabilities give us the flexibility to meet diverse customer needs.

ESG Environmental | Social | Governance

Cypress Technology is fully committed to promoting ESG and sustainable development. To integrate these principles into every aspect of our operations from product design and manufacturing to services. We conduct carbon footprint assessments, adopt digital manuals, and use eco-friendly packaging to minimize resource waste. Beyond environmental efforts, we champion gender equality, support disadvantaged groups and young talents, and create more job opportunities. With transparent governance and a spirit of innovation, CYP is leading the way toward a sustainable future.



Environmental

- Starting carbon footprint assessments.
- Reduce paper usage with an electronic operation manual.
- Eco-friendly packaging.



Social

- Create friendly work environment and providing various welfare measures.
- Advocating gender equality and ensuring a certain proportion of female executives participate in company operations.
- Neighborly and supportive to assist nearby vulnerable groups.



Governance

- Timely and complete information disclosure.
- Diversity of board members with professional background.
- Appoint female directors as board members.

Let's embrace ESG for a greener and more sustainable tomorrow!

Our Offering

Pro AV Product Segment

To meet customer demand and stay ahead of future technological trends, we are committed to developing advanced and reliable solutions that solve the compatibility issues across different generations of audio and visual devices. Our mission is to provide people with the convenience of real-time audio and video.



Channel Partner



System Integrator



Solution Provider



Industry Equipment Maker



PC Application



WebGUI



Essential ProAV



Control System



Vertical Market



AVoIP



M.A.R.S.



Tools for ProAV

Medical Product Segment

CYP's medical imaging integration solution compatible with PACS system. It has the capability to integrate with various medical devices such as ultrasound, endoscopes and vital sign. The purpose is to manage multiple medical images and enhance surgical efficiency. Furthermore, it aims to provide additional value and expand the applications of medical images through capture, recording, and real-time 3D imaging.

Imaging Processing

- AVoIP TX/RX
- Extender HDBT 3.0
- Video Processor
- Scaler
- PIP, PoP, Quad-View



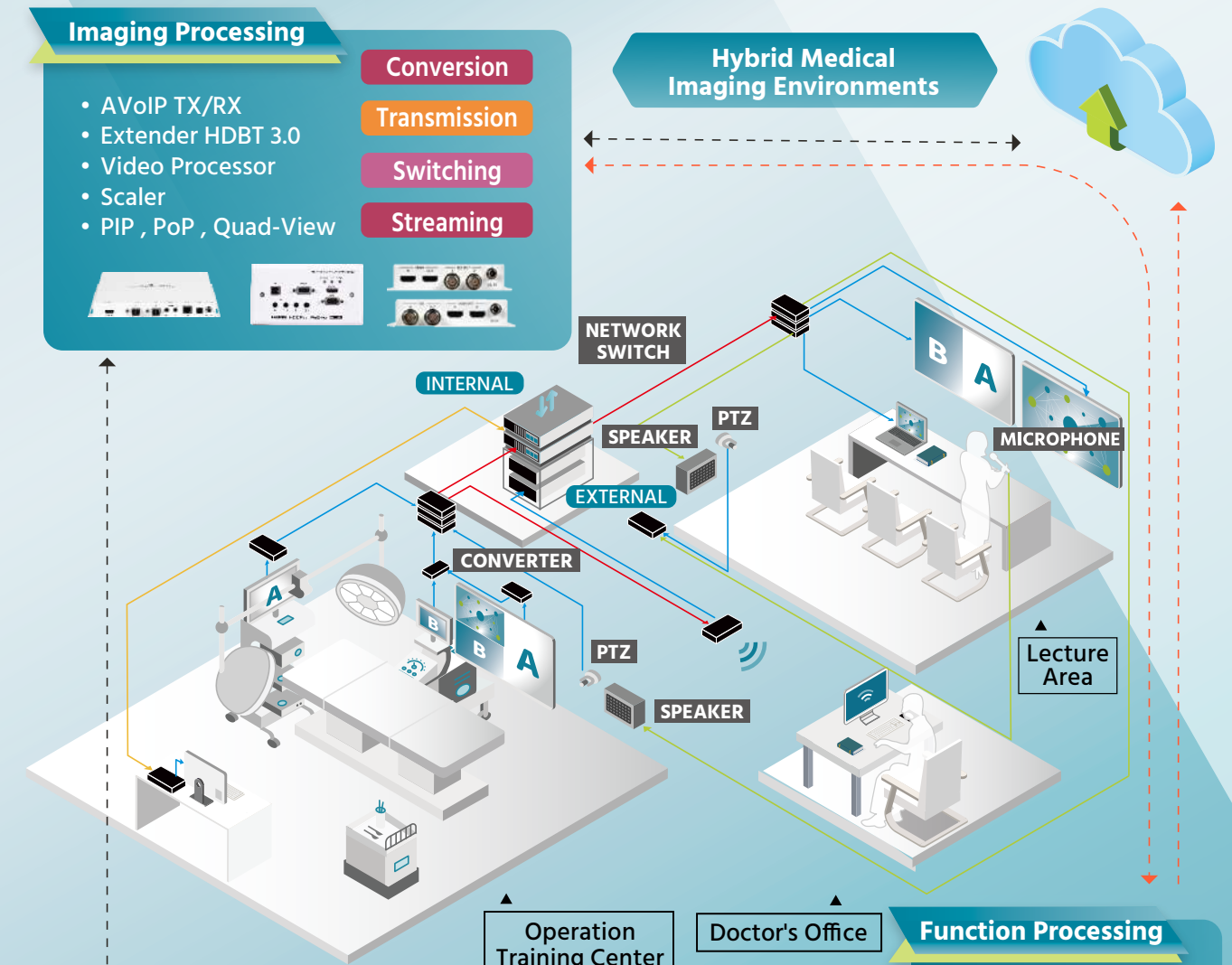
Conversion

Transmission

Switching

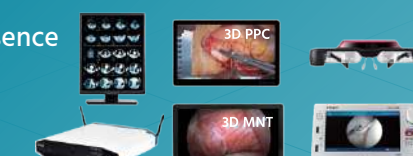
Streaming

Hybrid Medical Imaging Environments



Computing Processing

- AI Engine
- 3D SBS Recording & Presence
- Surgical Monitor
- Medical Panel PC
- Medical Tablet PC
- DICOM Recorder



Function Processing

- API / SDK
- Security Activation
- Application Program
- CDMS / Web GUI





Conference Room

Nowadays, video conferencing has become an essential tool in the business environment, breaking the barriers of time and distance to enable seamless communication. CYP's conference room solution integrates all the core equipment within the meeting space - including laptops, PTZ cameras, interactive whiteboards, tablets, and smartphones. It supports both wired and wireless connections, allowing local and remote team members to collaborate with ease.

This solution is highly flexible, enabling users to choose the appropriate modules based on their needs for wireless presentation or AV extension. With a simplified set up process and a user-friendly control panel, participants can start, shut down, or switch with a single touch. This allows them to focus on the content and enhance overall efficiency.

The integrated meeting management system offers the most convenient way to schedule rooms while also providing centralized management of room usage, ensuring optimal use of meeting space resources.

Customer Requirements

- Supports real-time transmission and connection of multiple signal sources, ensuring smoother and more efficient meetings
- Control panel enables quick meeting room startup, simplifying set up and saving time
- Integrated room booking system allows users to schedule and manage meeting spaces with ease

Purpose of Use

Setting up a meeting room often involves time-consuming preparations, including configuring signal sources, projectors, screens, lighting, and even curtains, which can cause delays before meetings begin. The one-touch startup feature simplifies this process, significantly reducing setup time.

Additionally, the meeting room booking system brings greater transparency to scheduling, making it easier for participants to reserve spaces based on time and location. During meetings, tools such as network cameras, interactive whiteboards, and synchronized projection ensure that content is clearly presented. This not only facilitates smoother discussions but also enhances overall meeting quality and collaboration efficiency.

CYP Solution

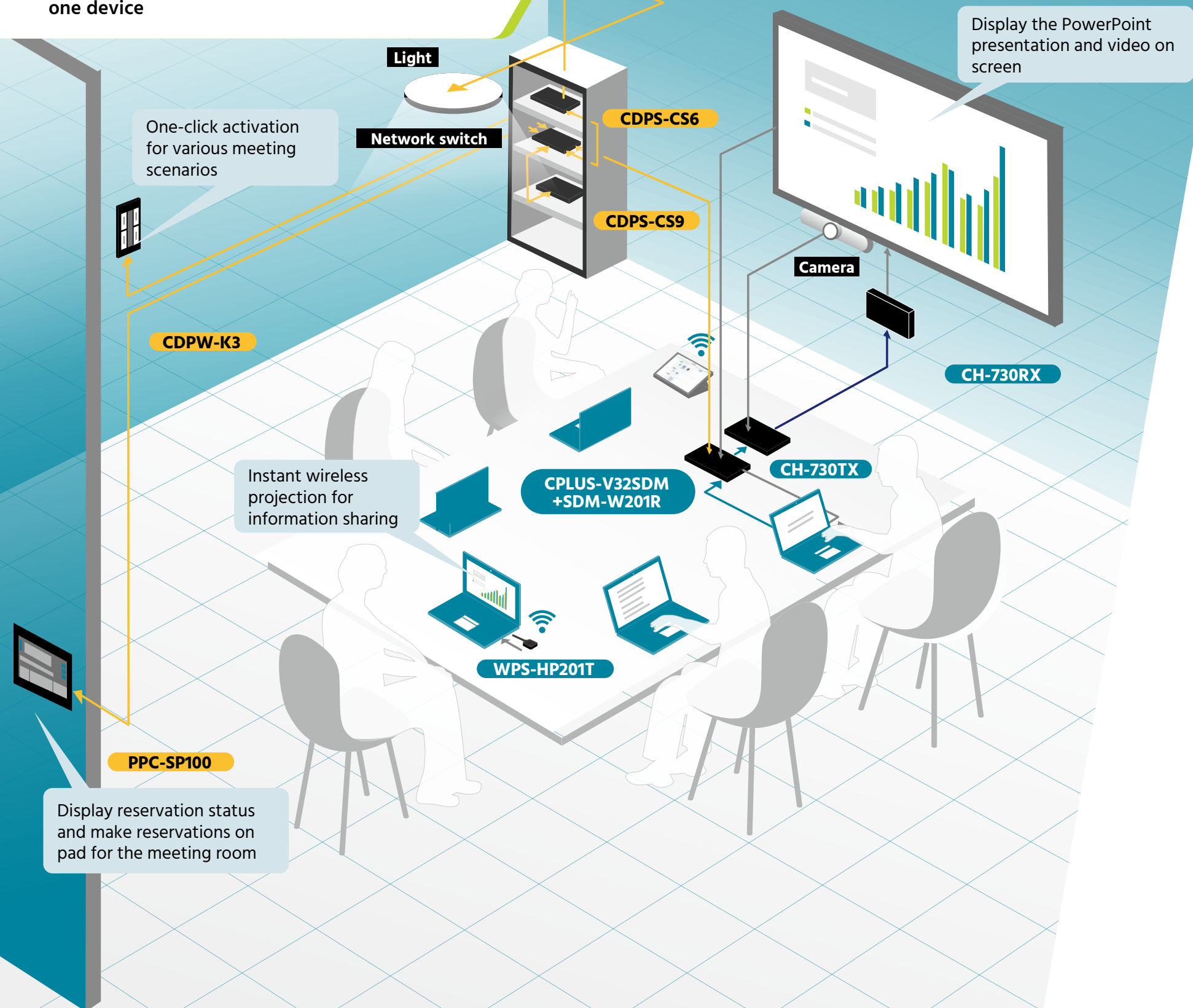
The conference room is designed to create an efficient and seamless meeting environment. Before the meeting, users can easily check room availability and schedule sessions through a transparent and user-friendly booking system. Meanwhile, the control panel enables one-touch activation of all room equipment and preset scenarios, significantly reducing setup time.

The room integrates various AV devices, including computers, network cameras, interactive whiteboards, projectors, and displays. To deliver real-time, synchronized content sharing. This ensures smooth and clear video collaboration experience, enabling both local and remote participants to work together effortlessly and stay focused on the meeting itself, greatly enhancing overall efficiency and engagement.



Conference Room

- One-touch activation for various meeting scenarios
- Streamlined meeting room booking process
- Instant sharing of content via wireless presentation
- Versatile modular design for multiple functions in one device



Product List



SDM

CPLUS-V32SDM + SDM-W201R

3 by 2 Multi-format Matrix + Hyshare Pro Wireless Receiver Module (Other optional modules are available)

Wireless

WPS-HP201T

Hyshare Pro Pod Wireless Transmitter



USB Extender

CH-730TX

USB 3.2 over Category Cable Transmitter

CH-730RX

USB 3.2 over Category Cable Receiver



Control

CDPS-CS9

Universal Device Controller

CDPS-CS6

Control System Center



Control

PPC-SP100

Meeting Space Management System

CDPW-K3

8 Button Control Keypad



Accessory

CBL-H300

Premium High Speed HDMI Cable

Connection Diagram

Video

Control

USB Line

Smart Education Space

With the rapid advancement of technology, various teaching equipment now present educational content in more dynamic and diverse ways. CYP's Smart Education Space Solution integrates interactive whiteboards, document cameras, and multimedia devices, allowing content from different teaching tools to be displayed simultaneously across multiple screen output formats. This enables the synchronized presentation of various materials, enhancing classroom interaction and the overall learning experience.

The modular design allows teachers to easily swap modules based on their needs, such as adding audio and video recording or streaming functions. This flexibility makes it simple to record lessons and manage remote teaching, without the hassle of complex setups, making the teaching process more efficient and effective.

Customer Requirements

- Simultaneously display content across multiple screens to enhance innovative learning experiences
- Instantly record lessons for easy archiving and playback
- Support for remote teaching enables simultaneous online and in-person learning

Purpose of Use

Breaking away from traditional teaching models, this solution embraces fully digital integration to present learning materials in a more dynamic and engaging way, sparking student interest. The entire teaching process can be recorded for easy review and sharing after class, helping to reinforce learning outcomes. Even in remote or online settings, students can participate in real-time, overcoming the limitations of physical classrooms. This provides a more flexible and diverse learning experience that caters to a wide range of educational needs.

CYP Solution

The Smart Education Space is designed with a high degree of flexibility to create an innovative learning environment. It integrates multiple signal sources and supports simultaneous output to various display devices, meeting the diverse needs of modern teaching. With built-in live streaming and recording functions, the system captures on-site lessons in real-time, enabling remote students to participate synchronously and breaking the limitations of physical spaces to enhance teaching flexibility and efficiency.

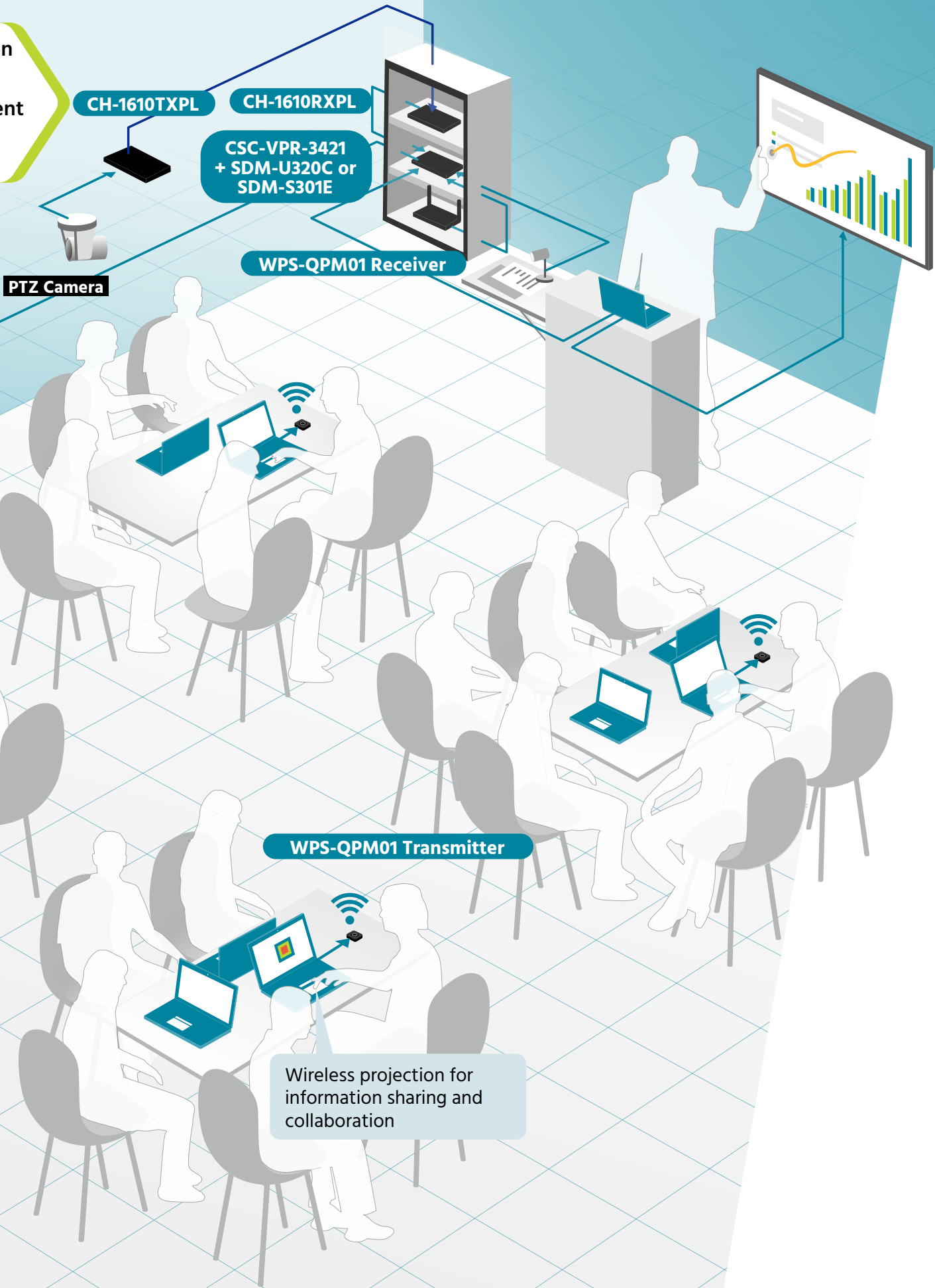
Teachers can easily switch between signal sources or adjust display modes through an intuitive user interface, presenting course materials in the most effective way. The system's modular design offers excellent scalability, allowing seamless integration of interactive whiteboards, AV streaming features, or multimedia teaching content to support the evolving demands of digital education.

Additionally, the smart teaching solution supports real-time interaction, ensuring that students whether in the classroom or learning remotely, can actively participate in discussions and activities. All teaching content is thoroughly recorded for post-class review and analysis, helping educators refine lesson plans and allowing students to revisit materials at any time. This sets a new benchmark for digital education, delivering a truly comprehensive smart learning experience.



Smart Education Space

- Synchronized learning and collaboration
- Support for remote live teaching
- Simultaneous recording of lesson content
- Effortless wireless sharing of teaching materials



Integrate with presentation PowerPoint and course materials for recording and streaming

Wireless projection for information sharing and collaboration

Product List



SDM

CSC-VPR-3421 + SDM-U320C

Multiview Modular Processor + 4K30 USB-C Capture Module

CSC-VPR-3421 + SDM-S301E

Multiview Modular Processor + 4K60 Streaming Module



Extender

CH-1610TXPL

HDMI/USB to HDBaseT Transmitter

CH-1610RXPL

HDMI/USB to HDBaseT Receiver



Extender

WPS-QPM01 (Optional)

Wireless Presentation System

WPS-HP201KIT (Optional)

Hyshare Pro Wireless Presentation Kit (2 transmitters + 1 receivers)

Connection Diagram

Video

Cat. Cable

Government Command Center

CYP's professional AV integration solution is purpose-built to create an efficient command platform for Government Command Center. By integrating a wide range of video and audio devices, it enables real-time cross-system monitoring and decision-making, allowing teams to access and respond to critical information quickly.

The distributed AV architecture offers flexible scalability, supporting 4K@60 video transmission over just 1G bandwidth, ensuring no detail is missed. The intuitive control interface allows users to switch displays and scenarios via a touchscreen panel swiftly. With full KVM over IP functionality, including USB device control, linking, pushing, and getting, teams can collaborate seamlessly both remotely and on-site. This significantly shortens response times, enhances operational efficiency, and ensures that the command center remains fully optimized to support rapid and informed decision-making.

Customer Requirements

- Integrates multiple signal sources such as computers, cameras, and surveillance systems from different locations
- Simultaneously displays multiple 4K@60 signal sources on a video wall with real-time multi-window switching
- Equipment must offer high performance and reliability to deliver real-time audio, video, and information

Purpose of Use

Government Command Centers require real-time monitoring and data analysis, with the ability to integrate multiple signal sources and present them on a video wall. Display layouts can be flexibly adjusted based on operational needs to achieve effective data visualization. Even across different locations, content can be quickly pushed to other receivers, streamlining complex transmission processes and enabling users to stay on top of critical information and make timely, informed decisions.

CYP Solution

With an integrated AV solution, Government Command Centers can efficiently consolidate multiple signal sources onto a video wall, enabling cross-device control and streamlined signal management. Even over long distances, the system significantly reduces transmission time for screen sharing, allowing users to quickly access critical information.

Real-time, high-resolution AV transmission ensures that the video wall receives the latest updates instantly and displays them in high quality, enhancing the ease of comparing and analyzing information. The system also supports flexible layout configurations, allowing display arrangements to be customized according to operational needs.

Its scalable architecture accommodates future expansions or adjustments, helping reduce the cost of system upgrades and hardware adjustments. With stable and reliable equipment, audiovisual transmission remains smooth and uninterrupted - greatly improving decision-making efficiency and providing strong support for mission-critical operations.



Government Command Center

- Centralized management and remote control
- Intuitive drag-and-drop interface for signal source switching
- Supports video walls of various sizes
- Cross-device control to enhance operational efficiency

All information is integrated into a large video wall for real-time visualization

Real-time video and images are transmitted to the video wall simultaneously

The operators remotely monitor and switch video sources through the controller in the control room

The video can be freely distributed to the office for decision-making

Product List



AVoIP

AVIP-A4601E-B1C

HDMI to IP Encoder



AVIP-A4601D-B1C

HDMI to IP Decoder



Capture

CUSB-V606H

HDMI to USB-C
Capture



Control

CDPS-CS11

1G AVoIP
Controller



Control

CDPW-K3

8 Button Control
Keypad



Accessory

CBL-U600-020

USB4® Type C Cable

Connection Diagram

Video

Cat. Cable

Control

USB Line

Smart Manufacturing Situation Room

CYP's Smart Manufacturing Situation Room Solution offers comprehensive system integration by consolidating various data and AV sources into a unified, visualized format. This ensures that all critical information is clearly presented and easy to interpret. With high compatibility and flexible scalability, the solution enables the seamless construction of an intelligent production infrastructure.

The intuitive interface and real-time video management allow users to customize screen layouts and effectively display information across monitors and video walls, helping operators make accurate decisions quickly. No matter the location, users can maintain full visibility and control of operations, swiftly troubleshoot issues, enhance production efficiency, and strengthen overall business competitiveness.

Customer Requirements

- Real-time monitoring of production line data across regions, with synchronized display on video walls for centralized management and oversight
- High performance and reliability ensure stable transmission of high-resolution audio and video signals
- Flexible display options and customizable screen layouts to present information based on operational needs

Purpose of Use

Quickly gain a comprehensive view of each production line, with real-time video feeds transmitted to the monitoring center's video wall to ensure personnel always have access to the latest, first-hand information. High-resolution AV, combined with an intuitive panel controller, allows users to easily switch between multi-window display modes on the video wall based on operational needs. This flexible and efficient information empowers users to stay informed and make fast, effective decisions when needed.

CYP Solution

In the Manufacturing Situation Room, effective control over production line operations requires the integration of various data and AV systems to transform raw data into actionable insights for analysis and decision-making. Our solution delivers stable, high-quality real-time AV signal transmission, ensuring synchronized updates even across long-distance remote connections, while maintaining the accuracy and immediacy of both visuals and information.

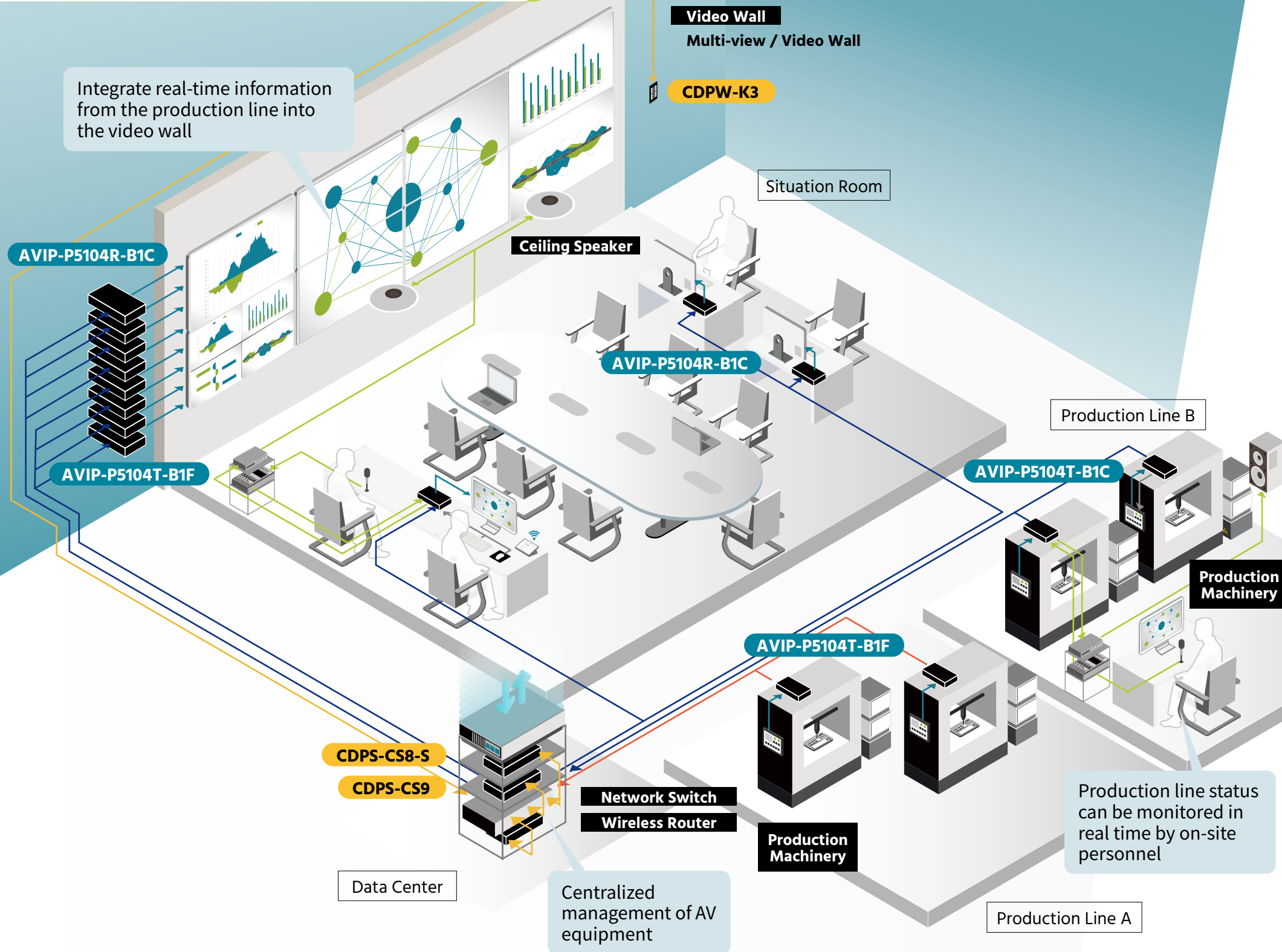
Paired with an intuitive, user-friendly panel controller, the video wall enables flexible switching between multi-window display layouts, significantly improving operational efficiency and accelerating decision-making processes. The system offers high flexibility and scalability, meeting future upgrade needs while minimizing reconfiguration costs. This empowers enterprises to build forward-looking management models that enhance production control and strengthen overall market competitiveness.



Smart Manufacturing Situation Room

- Visualization of various data and video sources
- Supports transmission across buildings and floors
- Integrates with a wide range of environmental systems
- Flexible architecture allows for easy system expansion based on needs

Integrate real-time information from the production line into the video wall



Product List



AVoIP

AVIP-P5104T-B1CHDMI/DP HDMI IP
Transmitter**AVIP-P5104R-B1C**

HDMI IP Receiver



AVoIP

AVIP-P5104T-B1F

HDMI/DP IP Fiber Transmitter

AVIP-P5102TR-B1FHDMI/DP IP Bi-directional
Fiber Transceiver

Control

CDPS-CS8-S

10G AVoIP Controller

CDPS-CS9

Universal Device Controller



Control

CDPW-K3

8 Button Control Keypad

Connection Diagram

Video

Cat. Cable

Audio

Control

Fiber



Rugged Application



Wide Temperature Application



Maritime and Naval Application

Mission Critical – M.A.R.S.

Military Grade

Product quality and reliability standards meeting, or exceeding, military standard certification (MIL-STD) and suitable for deployment in harsh environments.

All Weather

Products that can operate seamlessly across a wide range of temperatures.

Rugged

Products designed to be robust and durable, boasting an extremely long MTBF (Mean Time Between Failures).

Shock Resistance

Products that can withstand vibrations and external impact forces.



MIL-S4101E

The M.A.R.S. series currently encompasses products specifically tailored for wide temperature applications, maritime and naval applications, as well as rugged applications.

Selection Guide

AV over IP



Product Number		AVIP-P5101TR Series	AVIP-P5104T-B1C	AVIP-P5104R-B1C	AVIP-P5104T-B1F	AVIP-P5102TR-B1F	AVIP-P6101R-B1F
Codec		SDVoE	SDVoE	SDVoE	SDVoE	SDVoE	SDVoE
Type		Encoder / Decoder	Encoder	Decoder	Encoder	Encoder / Decoder	Decoder
Bandwidth		10Gbps	10Gbps	10Gbps	10Gbps	10Gbps	10GbpsX2
IP Interface		RJ45 or SFP+	RJ45	RJ45	SFP+	SFP+	SFP+
Stream Resolution		4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)
Reach Distance		100m or 300m~40km	100m	100m	300m~40km	300m~40km	300m~40km
Video Input	HDMI	4K60(4:4:4)	4K60(4:4:4)	-	4K60(4:4:4)	4K60(4:4:4)	-
	DP	4K60(4:4:4)	4K60(4:4:4)	-	4K60(4:4:4)	4K60(4:4:4)	-
	USB-C	-	-	-	-	-	-
	VGA	-	-	-	-	-	-
Video Output	HDMI	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)
	VGA	-	-	-	-	-	-
USB		USB HID	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB HID
Audio		Line in Line out	Line in Line out	Line in Line out	Line in Line out	Line in or Line out	Line in Line out
Power over Ethernet		PoE-PD	PoE-PD	PoE-PD	-	-	-



Product Number		AVIP-A4601E-B1C	AVIP-A4601D-B1C	CH-U353RX	CH-U331TR	CH-U331HTXWPUD
Codec		JPEG2000	JPEG2000	Motion-JPEG	Motion-JPEG	Motion-JPEG
Type		Encoder	Decoder	Decoder	Encoder / Decoder	Encoder
Bandwidth		1Gbps	1Gbps	1Gbps	1Gbps	1Gbps
IP Interface		RJ45	RJ45	RJ45	RJ45 / SFP	RJ45
Stream Resolution		4K60(4:4:4)	4K60(4:4:4)	4K30(4:4:4)	4K30(4:4:4)	4K30(4:4:4)
Reach Distance		100m	100m	100m	100m / 2km	100m
Video Input	HDMI	4K60(4:4:4)	-	-	4K60(4:2:0)	4K60(4:2:0)
	DP	-	-	-	4K60(4:2:0)	-
	USB-C	-	-	-	-	-
	VGA	-	-	-	-	-
Video Output	HDMI	4K60(4:4:4)	4K60(4:4:4)	4K30(4:4:4)	4K60(4:2:0)	-
	VGA	-	-	-	-	-
USB		USB 2.0	USB 2.0	USB2.0/USB KVM	USB KVM	USB KVM
Audio		Line in Line out	Line in Line out	Mic in Line / Optical out	Line in Line out	Line in Line out
Power over Ethernet		PoE-PD	PoE-PD	PoE-PD	PoE-PD	PoE-PD

SDM Platform & Module



Product Number		CPLUS-V32SDM	CSC-VPR-3421	SDM-W201R	SDM-U320C	SDM-S301E
Type		Input Platform	Output Platform	Hyshare Pro Wireless Receiver Module	Video Capture Module	Streaming & Recording Module
Codec		-	-	-	UVC	H.264 / H.265
Seamless switch		-	v	-	-	-
Auto switch		v	-	-	-	-
Capture		-	-	-	4K30(4:2:2)	-
Recording		-	-	-	4K30(4:2:2)	4K60(4:4:4)
Streaming		-	-	-	-	4K60(4:4:4)
Video Input	HDMI	4K60(4:4:4)	4K60(4:4:4)	-	-	-
	USB-C	4K60(4:4:4)	-	-	-	-
Video Output	HDMI	4K60(4:4:4)	4K60(4:4:4)	-	-	-
	HDMI(PCIe)	-	-	4K30(4:4:4)	-	-
	LAN(Streaming)	-	-	-	-	4K60(4:4:4)
USB		USB 3.0	-	USB 3.0	USB 3.0*	USB 2.0 Storage
Audio		Line out	Mic / Line in Line out	-	-	-

*Connect to a PC to control and power the video capture

USB Extender



Product Number		CH-730TX	CH-730RX
Category Type		USB 3.2 Extender	USB 3.2 Extender
Size Type		Box	Box
Input		USB-C	RJ45
Reach Distance		100m	100m
Output		RJ45	USB-C
Bi-directional Port		-	-
Pass-Through Port		-	-
Audio	IN	-	-
	OUT	-	-
Control	WebGUI	-	-
	Telnet	-	-
	USB	-	-
	RS-232	-	-
Power LAN		-	-

Extender



Product Number		CH-1610TXPL	CH-1610RXPL
Type		Transmitter	Receiver
Extension Interface		RJ45	RJ45
Reach Distance		35m	35m
Video Input	HDMI	4K60(4:2:0)	-
	DP	-	-
	VGA	-	-
	HDBaseT	-	4K60(4:2:0)
Video Output	HDMI	-	4K60(4:2:0)
	HDBaseT	4K60(4:2:0)	-
USB		USB2.0	USB2.0
Audio		Mic / Line in Line out	Mic / Line in Line out
Power over HDBaseT		PoH-PSE	PoH-PD

Wireless



Product Number		WPS-QPL01	WPS-QPM01	WPS-HP201KIT
Type		Transmitter & Receiver	Transmitter & Receiver	Transmitter & Receiver
Wi-Fi		802.11ac 5GHz	802.11ac 5GHz	802.11ac 2.4GHz / 5GHz
Max. Output Resolution		4K30	4K30	4K30 (HDMI), 1080p (USB-C Pod)
App Installation		-	-	Hyshare Pro App
Windows / macOS Android / iOS		v	v	v
Multiview		-	Up to 4 sources	Up to 4 sources
Multi-sharing		-	Up to 4 receivers	Up to 4 receivers
Moderation Mode		-	v	v
Touch Back		v	v	v
Browser Sharing		-	-	v
Remote View		-	-	v
Collaboration Tools		-	-	v
Display Extension		v	v	-
Security		WPA2 802.1x EAP	WPA2 802.1x EAP	WPA2 802.1x EAP

Selection Guide

Scaler



Product Number		CSC-VPR-3420
Type		Box
Seamless		v
Multiview		v
Capture		1080p60
Recording		1080p60
Streaming		–
Video Input	HDMI	4K60(4:4:4)
	DP	–
	VGA	–
Video Output	HDMI	4K60(4:4:4)
	VGA	–
USB		USB3.0*
Audio		Line in
Power over cable		–

* Connect to a PC to control and power the video capture

Control



Product Number		CDPS-CS11	CDPS-CS9	CDPS-CS8-S	CDPS-CS6
Category		Master	Master	Master	Master
Type		1G AVoIP Controller	Universal Controller	10G AVoIP Controller	Control Box
Size		Box	BOX	BOX	BOX
Communication		RJ45	RJ45	RJ45	RJ45
Power		DC5V	DC5V	DC5V	DC5V
Power over Ethernet		PoE-PD	PoE-PD	PoE-PD	PoE-PD
Configuration		WebGUI	WebGUI	WebGUI	WebGUI
Slave interface	Telnet	v	v	v	v
	Trigger	8	8	8	8
	RS-232	v	v	v	v
Host control	Telnet	v	v	v	v
	Relay	–	–	–	4
	RS-232 / 422 / 485 / DMX512	–	–	–	1

Capture & Streaming



Product Number		CUSB-V604H	CUSB-V605H	CUSB-V606H	CDPS-P311R	AVIP-S4601E
Codec		UVC	UVC	UVC	H.264 / H.265	H.264 / H.265
Type		USB Capture	USB Capture	USB Capture	Streaming & Recording	Streaming & Recording
Video layout mode		–	v	–	–	–
Auto switch		–	v	–	–	–
Capture		1080p60	1080p60	4K30(4:4:4)	–	–
Recording		1080p60	1080p60	4K30(4:4:4)	1080p60	4K60(4:4:4)
Streaming		–	–	–	1080p60	4K60(4:4:4)
Video Input	HDMI 1	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)
	HDMI 2	–	1080p60	–	–	–
	VGA	–	–	–	1920×1200RB	–
Video Output	HDMI	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)	4K60(4:4:4)
USB		USB 3.0*	USB 3.0*	USB 3.0*	USB 2.0 Storage	USB 2.0 Storage
Audio		Line in	Line in	Line in / Mic in	Line in	Line in & Analog out

*Connect to a PC to control and power the video capture

Audio



Product Number		DCT-42
Type		Amplifier
Input	Opt.	v
	Analog	v
Output	Amp.	20W x 2
Sample-rate	In	192KHz
	Out	48KHz

Accessory



Product Number		CBL-H100	CBL-H300	CBL-H600	CBL-U600-020
Type		HDMI Cable	HDMI Cable	HDMI Cable	USB-C Cable
Certified		–	v	v	v
Resolution		4K60(4:4:4)	4K60(4:4:4)	8K60(4:4:4)	–
Bandwidth		18Gbps	18Gbps	48Gbps	USB4 20Gbps
Available length		0.2/0.5/1/1.8m	1/2/3/5/7m	1/2/3/5m	2m

Selection Guide

Rugged Application



Product Number		MIL-S4101E
Codec		H.264 / H.265
Type		Streaming & Recording
Video layout mode		–
Auto switch		–
Capture		–
Recording		1080p60
Streaming		1080p60
Video Input	HDMI 1	4K60(4:4:4)
	HDMI 2	–
	VGA	1920×1200RB
Video Output	HDMI	4K60(4:4:4)
USB		USB 2.0 Storage
Audio		Line in

*Connect to a PC to control and power the video capture

Wide Temperature Applications



Product Number		CH-U331TR-E	CH-U350HTX-E	CH-U353RX-E
Codec		Motion-JPEG	Motion-JPEG	Motion-JPEG
Type		Encoder / Decoder	Encoder	Decoder
Bandwidth		1Gbps	1Gbps	1Gbps
IP Interface		RJ45 / SFP	RJ45	RJ45
Stream Resolution		4K60(4:2:0)	4K60(4:2:0)	4K60(4:2:0)
Reach Distance		100m / 300m	100m	100m
Video Input	HDMI	4K60(4:4:4)	4K60(4:2:0)	–
	DP	4K60(4:4:4)	–	–
	USB-C	–	–	–
	VGA	–	1920×1200RB	–
Video Output	HDMI	4K60(4:2:0)	–	4K30(4:4:4)
	VGA	–	1920×1200RB	–
USB		USB KVM	USB KVM	USB 2.0/USB KVM
Audio		v	Line in Line out	v
Power over Ethernet		PoE-PD	PoE-PD	PoE-PD

Maritime and Naval Applications



Product Number		NAV-U350HTX	NAV-U353RX
Codec		Motion-JPEG	Motion-JPEG
Type		Encoder	Decoder
Bandwidth		1Gbps	1Gbps
IP Interface		RJ45	RJ45
Stream Resolution		4K60(4:2:0)	4K60(4:2:0)
Reach Distance		100m	100m
Video Input	HDMI	4K60(4:2:0)	–
	DP	–	–
	USB-C	–	–
	VGA	1920×1200RB	–
Video Output	HDMI	–	4K30(4:4:4)
	VGA	1920×1200RB	–
USB		USB KVM	USB 2.0/USB KVM
Audio		Line in Line out	v
Power over Ethernet		PoE-PD	PoE-PD



Product Number		NAV-CS7
Category		Master
Type		Controller
Size		Box
Communication		RJ45
Power		DC5V
Power over Ethernet		PoE-PD
Configuration		WebGUI
Slave interface	Telnet	v
	Trigger	8
	RS-232	v
Host control	Telnet	v
	Relay	–
	RS-232 / 422 / 485 / DMX512	–



Product Number		CPLUS-V4H2HPIP-E
In / Out		4 / 2
Type		Box
Reach Distance		–
Video Input	HDMI	4K60(4:4:4)
	DP	–
Video Output	Extension	–
	HDMI	4K60(4:4:4)
Audio Out		–
Feature	Seamless	v
	Video Wall	–
	Multi-View	v
	PIP	v
	Chroma Key	v
	Rotation	–
Control	WebGUI	v
	Telnet	v
	PC Software	–
	RS-232	v
Power over Ethernet		–



Product Number		CDPS-CS7-E
Category		Master
Type		Controller
Size		Box
Communication		RJ45
Power		DC5V
Power over Ethernet		PoE-PD
Configuration		WebGUI
Slave interface	Telnet	v
	Trigger	8
	RS-232	v
Host control	Telnet	v
	Relay	–
	RS-232 / 422 / 485 / DMX512	–

Begin with the end in mind,
heart and soul.



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