ATEN

ATEN Video Presentation Switches
Versatile, Multi-in-One Solutions for Any Meeting Space

ATEN
Simply Better Connections

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Contents

Meeting the Challenges of Today's Spaces

Meetings are changing every day as more organizations embrace new technology. From bring-your-own-device meetings to remote ones, the nature of collaboration, presentation, and communication is constantly evolving. Video chats, digital meeting notes, and remote sharing are fast becoming expected by professionals looking to carry out meetings today.

To meet the demands of this changing landscape, we have developed our ATEN presentation switch series in both core and collaborative models. These solutions are tailor-made for smooth, efficient meetings in the face of challenges from using multiple device formats and sources, including from remote participants. Get the flexibility, ease-of-use, and control you need for any size meeting room environment in commercial and educational spaces with our solutions to help you have the productive meetings that are crucial to success in today's information-centric global world.

Maximized Compatibility for Simplified AV Integration

Integrates diverse AV interfaces with extensive transmission, conversion, and processing capabilities, while eliminating the need for numerous individual components and avoiding compatibility challenges during setup.

User-centric Controls + App for Streamlined Operations

Features user-centric control methods including front panel pushbuttons with intuitive OSD, Web GUI, Mobile App, as well as IR, RS-232, and Ethernet for control integration that streamlines user operations.

For all Commercial and Educational Meeting Spaces

Unique designs to satisfy application demands, from simple presentation source switching to advanced collaboration and remote participation in meeting rooms, conference rooms, classrooms, lecture halls, and more.

ATEN's Video Presentation Switches

Empower multi-format connectivity and boost the efficiency and impact of professional presentations with models from our Core Series. Benefits include:

VP1000
Core Series

○ **Superior Video up to True 4K, HDR**
Features models with up to 4K and True 4K resolutions that support popular HDR formats, delivering more vivid and vibrant video than ever before.

○ **Multi-format AV Interface Support**
Provides diverse legacy and modern AV interfaces including HDMI, VGA, HDBaseT, Component/Composite video with support for Stereo, Coaxial, Toslink, and Optical audio outputs, giving you the connections you need.

○ **Compact Solution in One Enclosure**
Integrates additional AV processing capabilities, such as HDBaseT connectivity, audio mixing, and microphone support, and provides an economical and efficient all-in-one solution to minimize your setup efforts as well as total cost of ownership.

Streamline meeting accessibility and facilitate local and remote collaboration and presentation content sharing via wired or wireless methods with models from the Collaborative Series. Benefits include:

VP2000
Collaborative Series

○ **Seamless Switch for Ultra Smooth Transitions**
Enables real-time control and zero-delay switching between multiple sources for uninterrupted experiences while transitioning from one presentation source to another.

○ **Bi-directional Streaming for Remote Sharing**
Flexibly share presentation content wirelessly via the VP Web GUI and Mobile App with any mobile device from anywhere on the network.

○ **Advanced Collaboration Features**
Features collaboration functions such as the Whiteboard and Chat Room that enhance teamwork or group discussions, as well as the Moderator for more complicated meeting settings where control over meeting flow is required.

Note: Please refer to the Specification Table or Product Pages for features supported by each Model.

Product Comparison

Series	Core Series			Collaborative Series	
Model	VP1420	VP1421	VP1920	VP2120	VP2730
Max. Resolution	HDMI: 4K@60Hz (4:4:4) VGA: 1920 x 1200@60Hz	HDMI: 4K@60Hz (4:4:4) VGA: 1920 x 1200@60Hz HDBaseT: 4K@60Hz (4:2:0); 4K@30Hz (4:4:4)	HDMI/DP: 4K@60Hz (4:2:0); 4K@30Hz (4:4:4) VGA/Analog: 1920 x 1200@60Hz	HDMI: 1080p@60Hz	HDMI/DP: 1080p@60Hz VGA/Analog: 1920 x 1200@60Hz
HDR	•	•	N/A	N/A	N/A
HDCP	HDCP 2.2	HDCP 2.2	HDCP 1.4	HDCP 1.4	HDCP 1.4
Video Inputs					
HDMI	3	2	6	1	5
HDBaseT	N/A	1	N/A	N/A	N/A
DisplayPort	N/A	N/A	1	N/A	1
VGA	1	1	1	N/A	1
Component/ Composite	N/A	N/A	2	N/A	N/A
Video Outputs					
HDMI	2	1	2	2	2
HDBaseT	N/A	1	N/A	N/A	1
Audio					
Audio Input	HDMI, Stereo	HDMI, Stereo, Microphone	HDMI, Stereo, Component/Composite	HDMI, Microphone	HDMI/DP, Stereo, Balanced, Microphone
Audio Output	Line Out (Unbalanced)	HDMI, Optical, Line Out (Unbalanced)	HDMI, Stereo, Optical, Coaxial	HDMI, Stereo	HDMI, Stereo, Optical, Coaxial
Audio DSP/Audio Mixer	N/A	Audio DSP	N/A	Audio DSP	Audio Mixer
Audio Embedding/ De-embedding	•	•	•	•	•
Phantom Power	N/A	•	N/A	N/A	•
Features					
Streaming In	N/A	N/A	N/A	4	1
Streaming Out	N/A	N/A	N/A	4	5
Seamless Switching	N/A	N/A	N/A	•	•
Scaler	•	•	N/A	•	•
Preview	N/A	N/A	•	N/A	•
Multiview	N/A	N/A	N/A	•	•
Auto Switching	•	•	•	•	•
Collaboration Features	N/A	N/A	N/A	Whiteboard, Chat Room	Moderator Mode
USB Keyboard/ Mouse/Peripherals Control	N/A	N/A	•	N/A	N/A

VP1420
VP1421

Core Series

- VP1420 I 4 x 2 True 4K Presentation Matrix Switch
- VP1421 I 4 x 2 True 4K Presentation Matrix Switch
  with Scaling, DSP, and HDBaseT-Lite

Integrating Everything You Need to Stand Out

The VP1420 and VP1421 are multi-in-one presentation switches that integrate video matrix, True 4K scaler, audio processing, extension, and converter functions into a single compact enclosure to empower impactful, streamlined presentations in commercial and educational meeting spaces.

- **True 4K, HDR Visual Clarity**
  Supports resolutions up to 4096 x 2160 @ 60Hz (4:4:4) and HDR to deliver vivid content in every presentation.

- **Smooth Switching and Scaling**
  Connect up to 4 multi-format sources, smoothly switch between them and display contents scaled perfectly for True 4K and 1080p simultaneously.

- **HDBaseT Extended Transmission over One Cable***
  Transmit AV, power, and bi-directional RS-232 and IR control signals up to 140m via HDBaseT (applying both HDBaseT input and output ports).

- **Built-in Audio DSP***
  Supports condenser microphone input with selectable 48V Phantom Power and allows microphone input to be mixed with program audio.

- **Audio Embedding/De-Embedding**
  Supports stereo audio embedding into HDMI output or separation to Audio Line Out and Optical Audio Out*. Extract HDMI and HDBaseT audio* to different audio outputs.

Video + Audio → Audio De-embedding → Video + Audio / Audio

Video + Audio Ⓐ / Audio Ⓑ → Audio Embedding → Video + Audio Ⓑ / Audio Ⓑ

Typical Applications
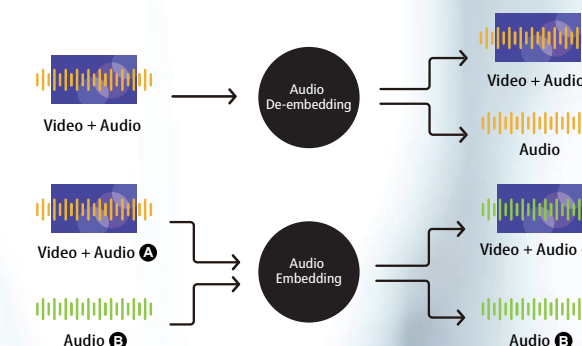
Small Meeting Room

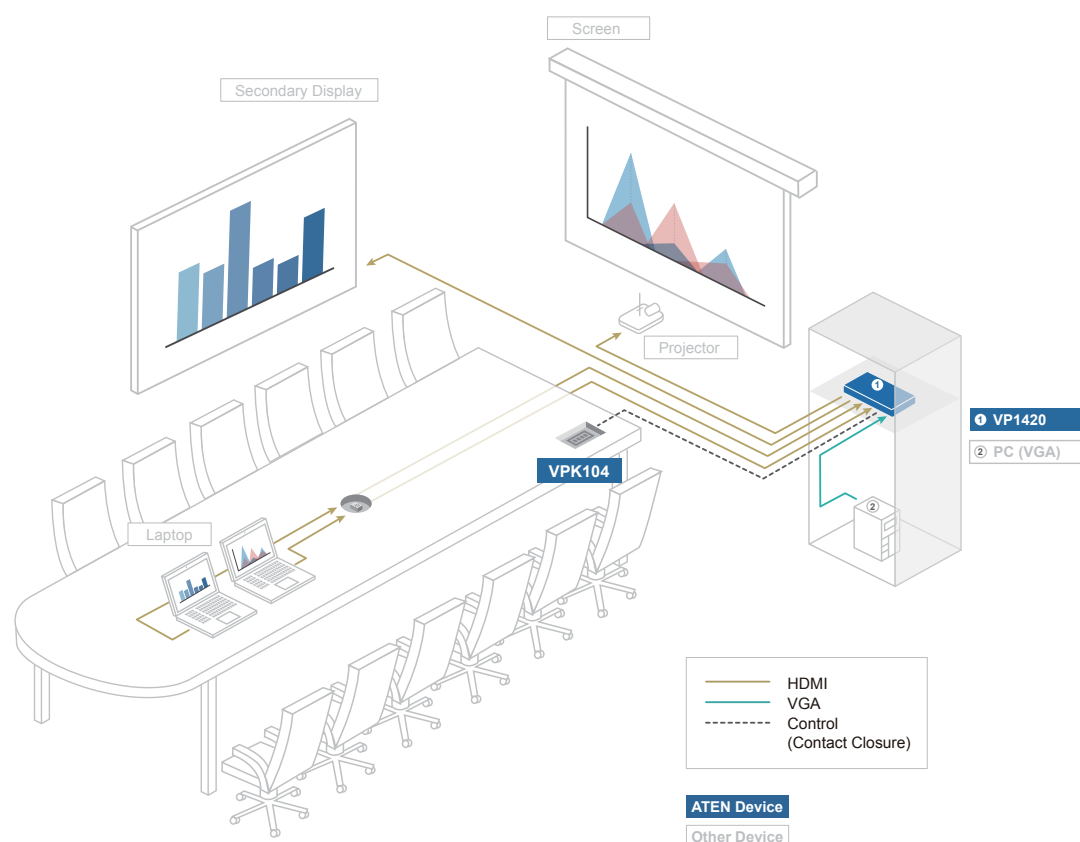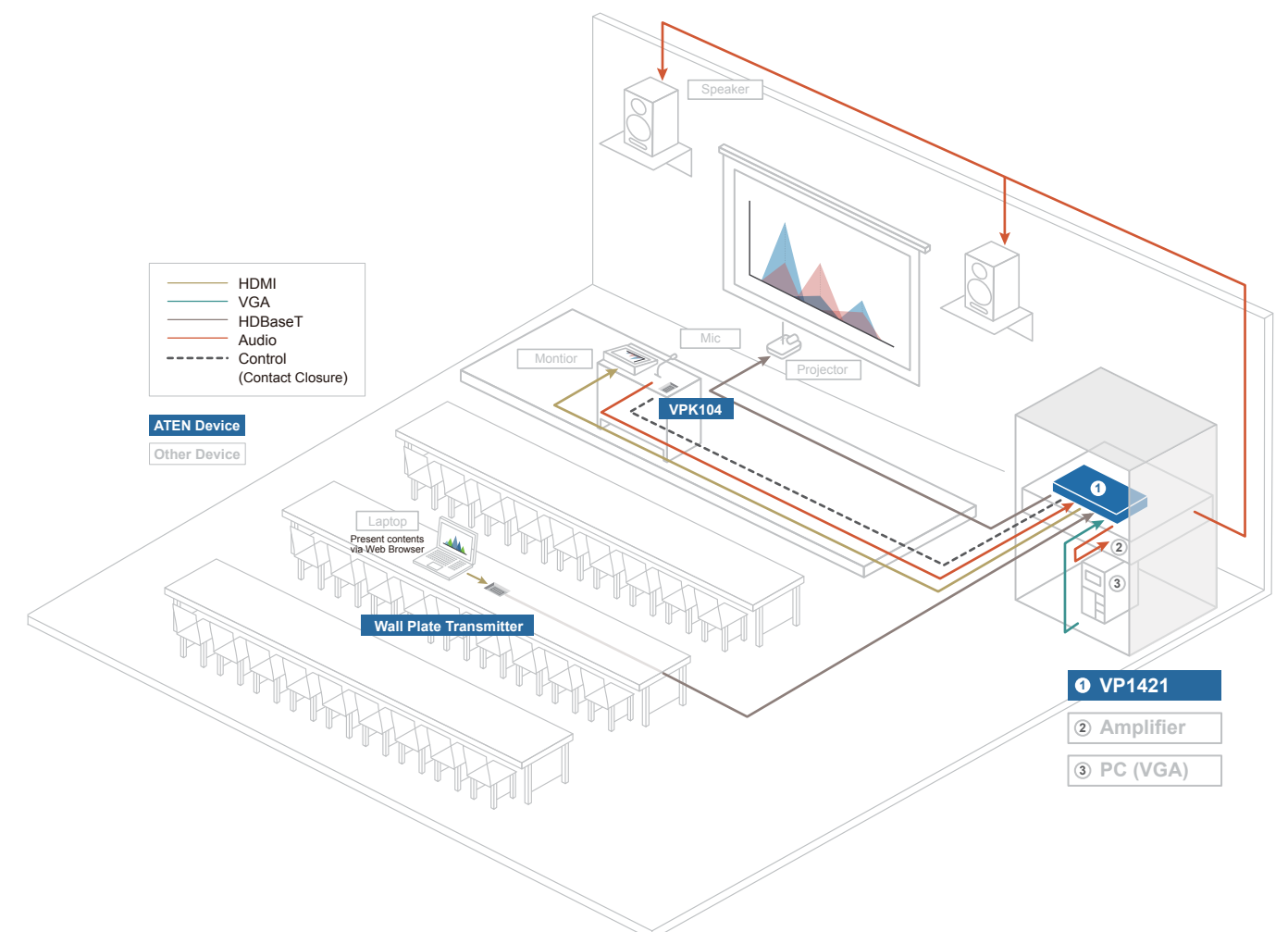| Challenges	Solutions
Integrate up to 4 sources that use different analog/digital interfaces	➡ Compact device that consolidates multiple source formats
UHD output capability with choice of simultaneous output to 2 displays	➡ Built-in True 4K scaler, supports HDR, and capable of automatic scaling for simultaneous True 4K and 1080p outputs
Extract audio into connected audio system or display output	➡ Supports audio embedding / de-embedding

Screen

Secondary Display

Projector

① VP1420

② PC (VGA)

VPK104

Laptop

HDMI
VGA
Control
(Contact Closure)

ATEN Device

Other Device

Medium Meeting Room

Challenges	Solutions
Projectors or displays are located up to 140m feet away from the source device	➡ Supports long distance transmission via HDBaseT
Control switching of sources from an easily accessible area	➡ Switch sources directly via a Contact Closure Remote Pad located in an easy-to-reach location
Support microphone input and the flexibility to mix with other audio sources during presentations	➡ Mixes microphone input with other audio sources and automatically reduces their volume when microphone signal is detected
Extract audio into connected audio system or display output	➡ Supports audio embedding / de-embedding

Speaker

Mic

Montior

Projector

HDMI
VGA
HDBaseT
Audio
Control
(Contact Closure)

ATEN Device

Other Device

VPK104

Laptop
Present contents
via Web Browser

Wall Plate Transmitter

① VP1421

② Amplifier

③ PC (VGA)

VP1920
Core Series

9 x 2 4K Presentation Matrix Switch

Empowering Multi-format 4K Presentations

The ATEN VP1920 is a 3-in-1 presentation switch integrating video matrix switching, audio processing and analog-to-digital conversion. With nine inputs to two 4K outputs, it is designed to boost the efficiency and impact of professional presentations.

With streamlined control from front panel pushbuttons, IR remote controller, OSD and RS232, the VP1920 reduces not only system device count, but also lowers operation complexity. It is suitable for all small-to-medium sized corporate and education presentation environments, such as meeting rooms, classrooms, training rooms, or any other presentation setting, such as in exhibition centers or hotels.

• Multi-format AV Switching
Smooth switching among 6 HDMI and 3 combo inputs (HDMI/VGA, HDMI/Display-Port, HDMI/Component/Composite) to 2 HDMI outputs and supports Coaxial, Toslink and Stereo audio outputs.

VGA   HDMI   DisplayPort   VIDEO R L   Y Pb/Cb Pr/Cr

• USB Control Routing for PCs and Touch Panels
USB ports integrate PC and touch panel controls with other devices into one system. Independent switching of USB peripheral ports and keyboard/mouse control focus.
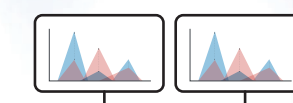
USB Control
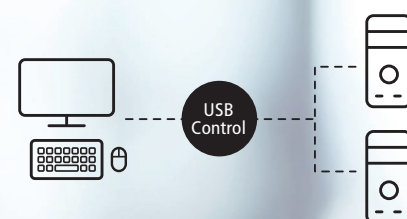
• Selectable Matrix, Mirror and PIP* Modes
Three different display modes meet the needs of various events or presentation styles.
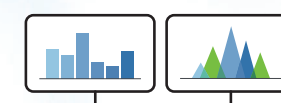
Matrix Mode   Mirror Mode   PIP (Picture in Picture) Mode*
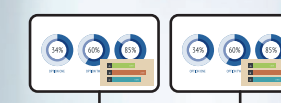
• Source Preview*
Quickly identify and switch to your target content. No more guessing which port connects to which content source.

*Supports up to 1080p

DISPLAY   A   B

SOURCE   1   2   3   4   5   6

HDMI   HDMI   HDMI
VGA   DP   AV / YPbPr

MODE   ESC   ENTER

9X2 Presentation Switch
VP1920

4K

Typical Applications

Meeting Room with Remote PC Control

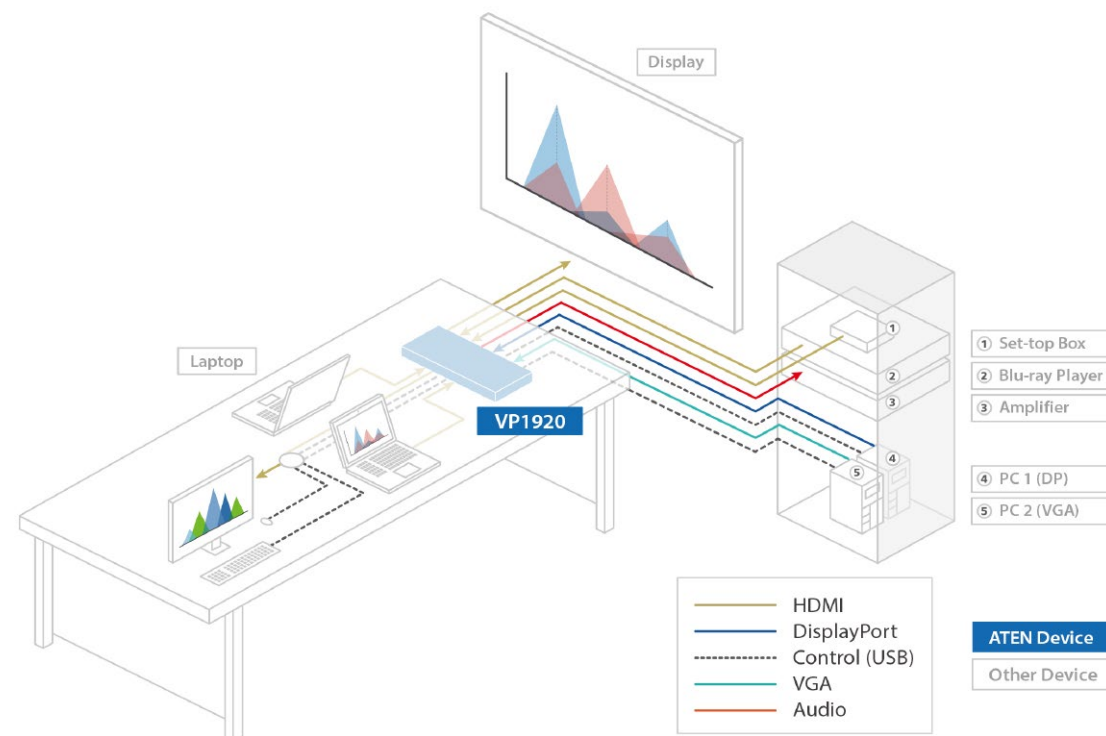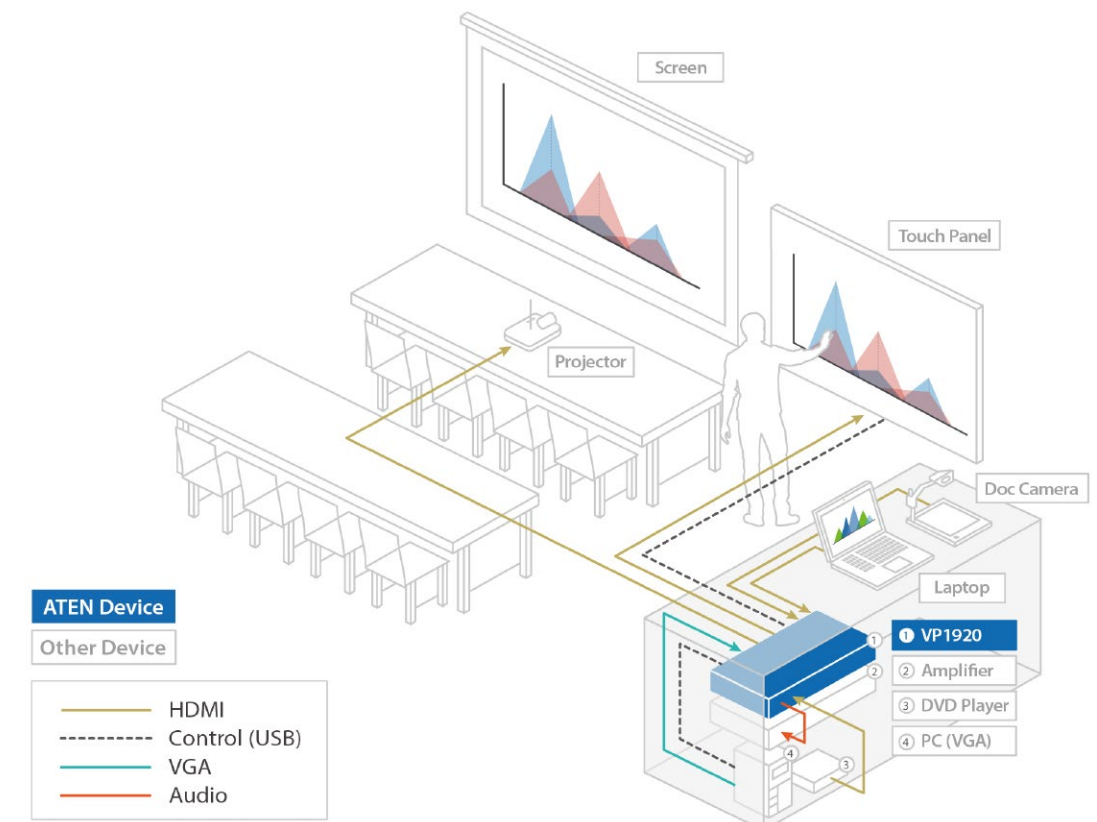| Challenges	Solutions
Integrate various sources that use different analog/digital interfaces	A compact device that consolidates multiple source formats
The meeting room needs to be PC-equipped for participants without laptops	Integrates USB control functionality into one device and can switch the control focus independently to control two PCs
The meeting moderator needs to manage two PCs with a single keyboard/mouse	
A solution that minimizes device count to keep configuration simple	Multi-in-one presentation switch minimizes system device count and removes potential compatibility issues

Display

① Set-top Box
② Blu-ray Player
③ Amplifier
④ PC 1 (DP)
⑤ PC 2 (VGA)

Laptop

VP1920

HDMI
DisplayPort
Control (USB)
VGA
Audio

ATEN Device
Other Device

Classroom with Interactive Display

Challenges	Solutions
Connect equipment with a mix of legacy and newer interfaces, including document camera, touch panel, set-top box, audio amplifier, and more	A compact device that consolidates multiple source formats and integrates easily with a digital podium
Matrix display of different sources on two screens	VP1920 supports matrix display mode
Show the interactive touch panel content on a larger projector screen for the class	Easily integrates a touch panel into one system and mirrors the content to the projector screen
A simple configuration solution to avoid possible compatibility issues	Simplifies system build by reducing the number of extra switches / converters / USB extenders

Screen

Touch Panel

Projector

Doc Camera

Laptop

ATEN Device
Other Device

① VP1920
② Amplifier
③ DVD Player
④ PC (VGA)

HDMI
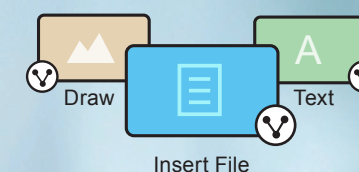Control (USB)
VGA
Audio

VP2120
Collaborative Series

Seamless Presentation Switch with Quad View Multistreaming

Empowering Efficient BYOD Collaboration On-Demand

The ATEN VP2120 Seamless Presentation Switch integrates video matrix switch, AV streaming, audio mixing, and collaborative functions to empower a variety of collaboration needs in huddle spaces, huddle rooms, and small-size meeting rooms.

- **Stream from Any BYOD Device**
  Join meetings and share presentation content wirelessly from any mobile device with the Web GUI or ATEN Video Presentation Control App.

- **Bi-directional Multistreaming**
  Stream contents bi-directionally among 4 participants simultaneously. Go Live to stream-out contents to participants located elsewhere.

  Main Site

  Intranet

  Participant 1

  Intranet

  Participant 2

  Up to 4 participants

- **Real-time Whiteboard Annotation**
  Multiple participants can take notes and make annotations on any file at the same time. Save and share content for efficient follow-up.

  Draw   Text

  Insert File

- **Quad View with Auto Layout**
  Display 4 streaming-in sources in a quad view layout that dynamically adjusts to the number of sources, and select any source to enlarge to full-screen.
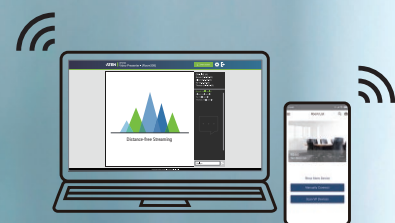
A	A	B
A	B	A	B
C	D	C

  Auto Layout

  | B |
  | A | B |
  | C | D |

  Enlarge Content

- **Instant Chat Room Sharing**
  Participants can chat with each other or send files to all participants at once to ensure that everyone is on the same page.
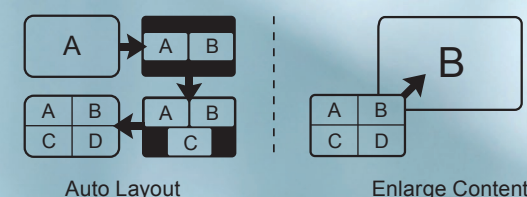
- **Secure Connections**
  Connects to the existing network infrastructure and logins are controlled by Room Codes to ensure the required level of IT security.
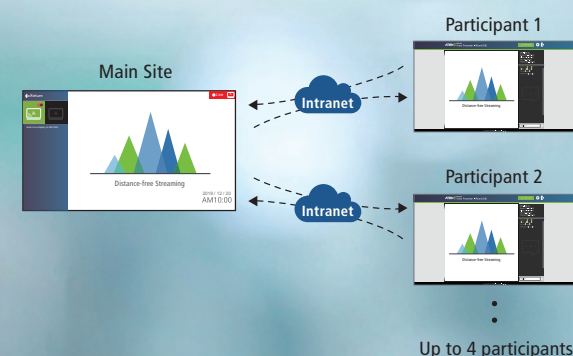
ATEN

VOLUME

ROOM INFO   ESC   ENTER

1X2 Presentation Switch
VP2120

HDMI

Typical Applications

Huddle Space

| Challenges	Solutions
Secure and easy to access, on-demand	➔ Connects to secure corporate network and can be accessed easily by simple logins
Content sharing from a variety of mobile devices	➔ Wireless content streaming from up to 4 devices
	➔ Sharing via Web GUI and ATEN Video Presentation Control App
Spontaneous discussions that require multiple participants to show their contents simultaneously	➔ View up to 4 streamed-in sources in quad view and select amongst them to go full screen
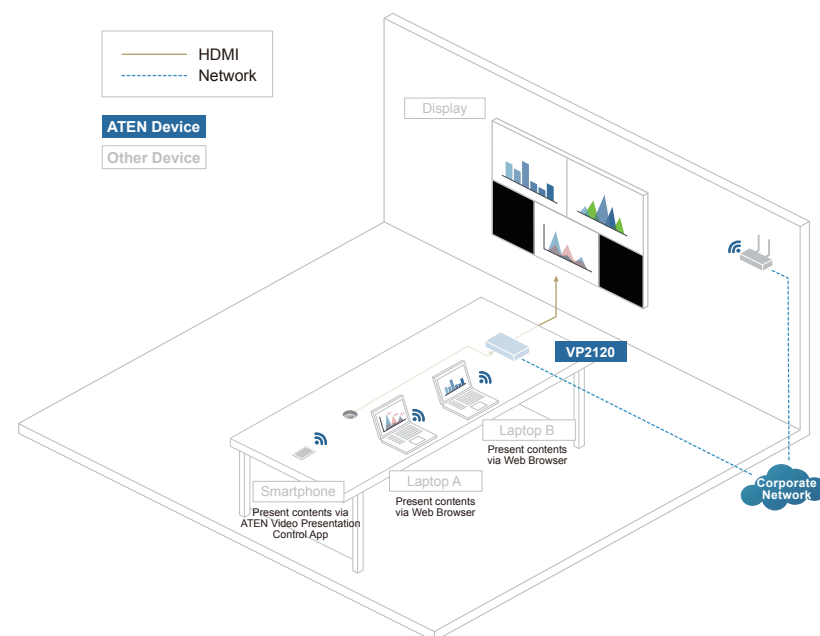
Meeting Room with Remote Participants

Challenges	Solutions
Enable participants to join meetings and share content from their remote locations	➔ Connects to secure corporate network and can be accessed easily by simple logins, wirelessly
	➔ Bi-directional multistreaming enables content to be shared to and from participants remotely
Note taking and information sharing to ensure all meeting participants are on the same page	➔ Features Whiteboard for annotations and note taking
	➔ Features Chat Room for instant messaging and file sharing
Spontaneous discussions that require multiple participants to show their content simultaneously	➔ View up to 4 streamed-in sources in quad view and select amongst them to go full screen
Flexibility to support diverse source interfaces	➔ Supports 1 HDMI input for expansion needs
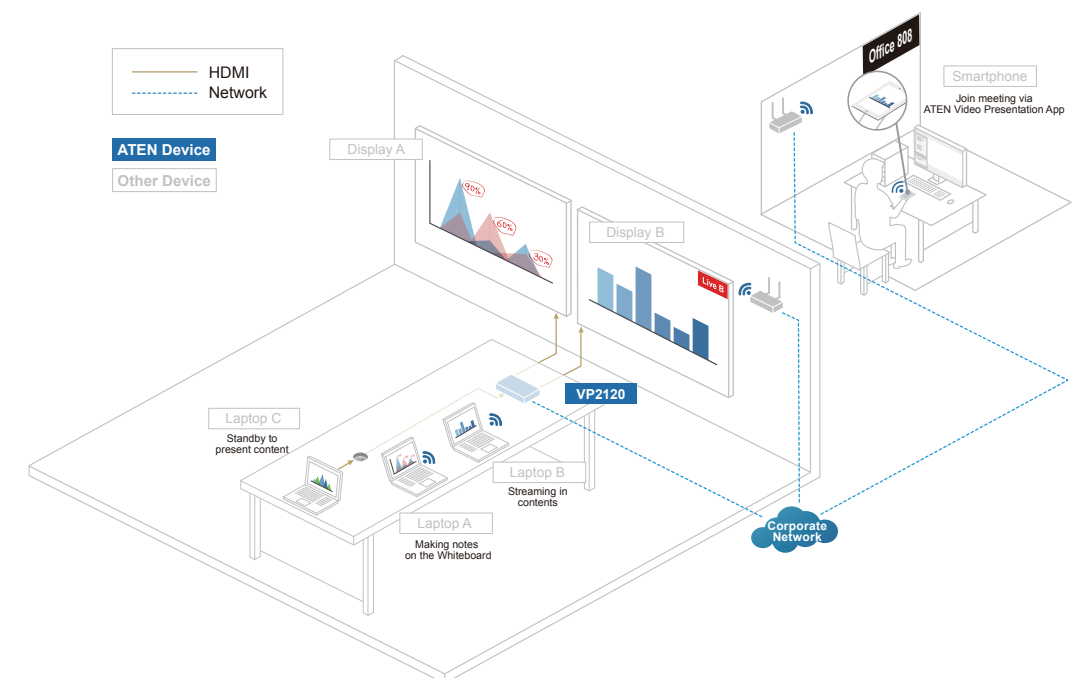
VP2730

Collaborative Series

7 x 3 Seamless Presentation Matrix Switch with Scaler, Streaming, Audio Mixer, and HDBaseT

## Facilitating Seamless Distance-free Collaboration

VP2730 is a multi-in-one presentation switch integrating video matrix switch with scaler, streaming, audio mixer, HDBaseT extender and analog-to-digital converter functions into one compact device.

With seven multi-format inputs to two HDMI and one HDBaseT outputs, VP2730 empowers larger meetings and facilitates collaboration between local and remote participants in boardrooms, conference rooms, lecture halls or distance learning classrooms.

• Bi-directional Streaming

Expedite collaboration with bi-directional content streaming. Go live to stream out HD video or stream in content from a remote site via an intuitive web GUI*.

* 1. Up to five remote sites can connect; only one site can stream in at a time.

  2. Streaming out requires a bandwidth of 2 MB or more

Main Site

Remote Site 1

Internet

Remote Site 2

Internet

Up to 5 sites
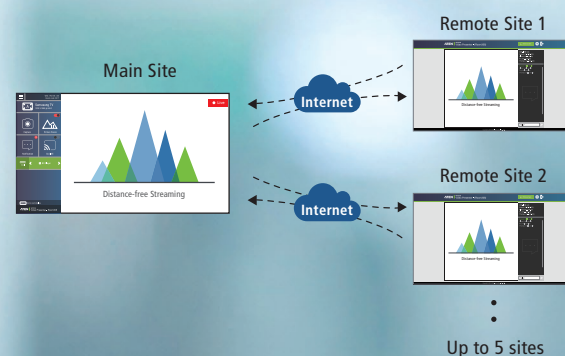
• Seamless Switch with Scaler

Zero-second switching without any latency while scaling for the best output resolution ensures extra smooth presentations.
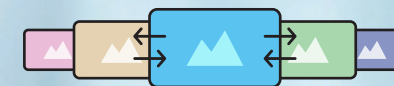
• Built-in Audio Mixer

Supports dynamic and condenser microphone input with selectable 48V Phantom Power and allows microphone input to be mixed with program audio.

Audio Mixer

• Moderator Mode

The meeting moderator can control any output display remotely and discretely without interrupting the meeting flow.

Presenter

Display A

Control Display A via Display B

Meeting Moderator
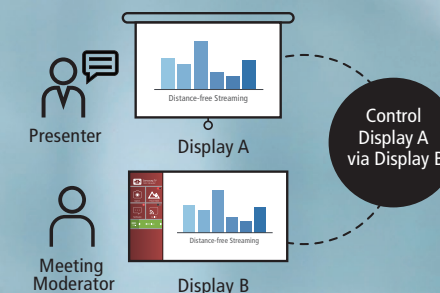
Display B

• Multi-view Flexibility

Display and switch simultaneously up to six sources in PiP (picture in picture), PbP (picture by picture), quad-view mode and more.

DISPLAY A B C

SOURCE 1 2 3 4 5

HDMI HDMI
DP VGA

A B C

Multiview   GO LIVE   ESC   ENTER

7X3 Presentation Switch
VP2730

Typical Applications

Conference Room with Moderator

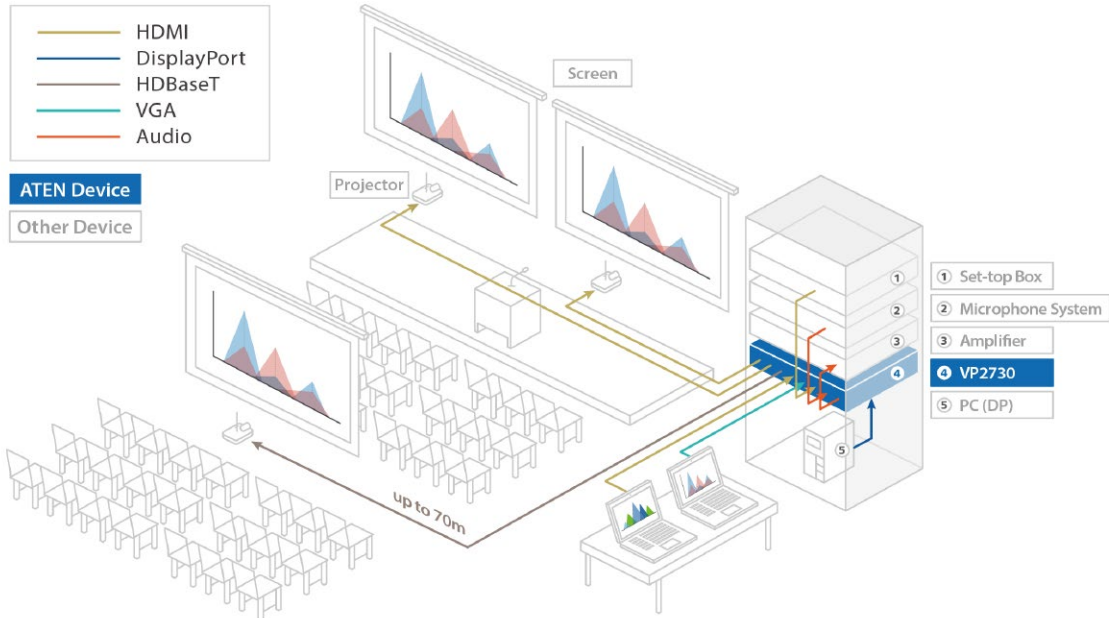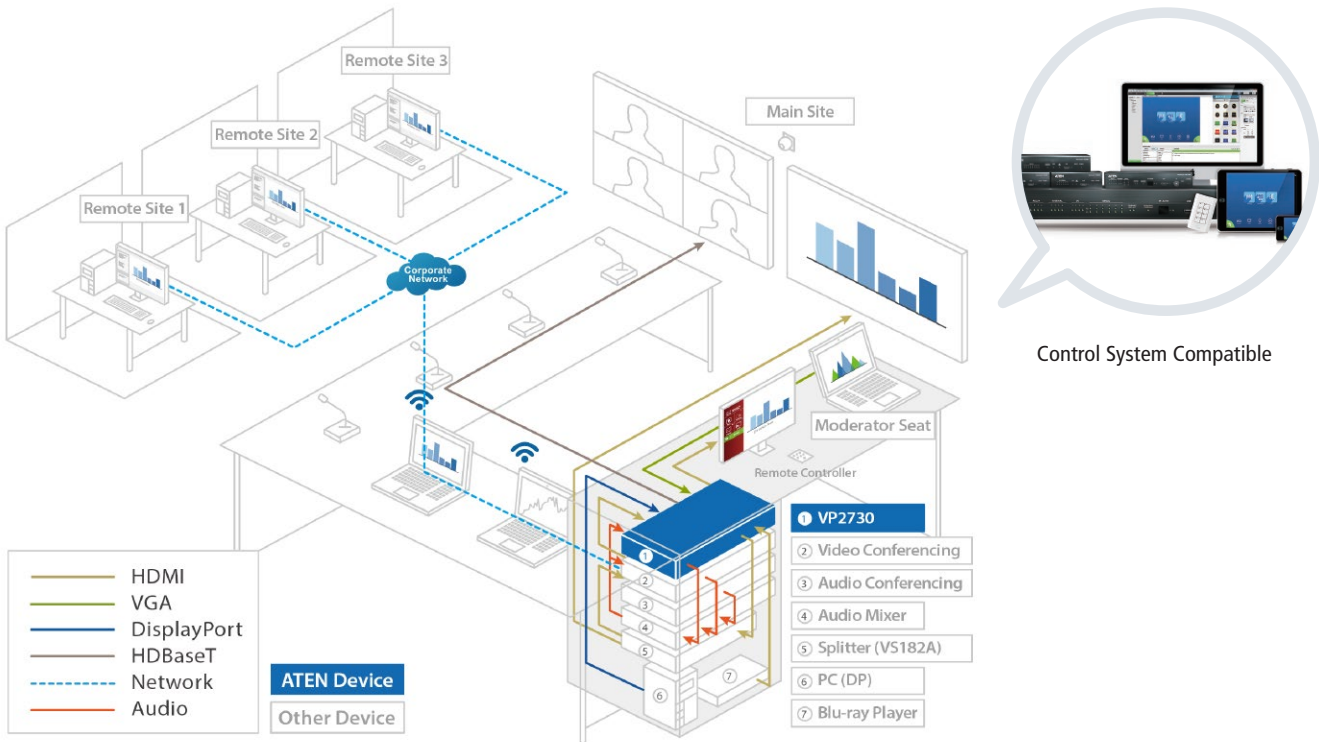| Challenges	Solutions
Integrate various sources that use different analog/digital interfaces	A compact device that consolidates multiple source formats
Easy content sharing and collaboration between on-site and remote participants	Bi-directional multistreaming enables content to be shared to and from participants remotely
Meeting moderator needs to manage output displays without interrupting the meeting	Moderator Mode lets the moderator discretely access any output display to switch content or change settings
Extract audio and connect to the existing audio system	Supports audio embedding and de-embedding
Overlay the microphone input on top of other audio sources for collaboration	Supports mixing the microphone inputs with any external analog or digital audio source

Control System Compatible

Remote Site 3
Remote Site 2
Remote Site 1
Main Site
Corporate Network
Moderator Seat
Remote Controller

— HDMI
— VGA
— DisplayPort
— HDBaseT
--- Network
— Audio

ATEN Device
Other Device

① VP2730
② Video Conferencing
③ Audio Conferencing
④ Audio Mixer
⑤ Splitter (VS182A)
⑥ PC (DP)
⑦ Blu-ray Player

Lecture Hall

Challenges	Solutions
Displays can be located up to 70 meters away	Long distance extension via HDBaseT
No black screens when switching sources	Zero-second seamless switching among sources
Extract audio and connect to the venue audio system	Supports audio embedding and de-embedding
Overlay the microphone inputs on top of other audio sources for lectures	Supports mixing the microphone inputs with any external analog or digital audio source

— HDMI
— DisplayPort
— HDBaseT
— VGA
— Audio

ATEN Device
Other Device

Screen
Projector
up to 70m

① Set-top Box
② Microphone System
③ Amplifier
④ VP2730
⑤ PC (DP)

Video Presentation Control App

The ATEN Video Presentation Control App is a free mobile app that features control and collaboration capabilities to deliver smooth, engaging, and productive meetings when used with ATEN Video Presentation Switches with Ethernet support.

Multiple Login Options
Auto search the network for ATEN Video Presentation Switches and log in manually or via QR Code.

Wireless Streaming
Present wirelessly by sharing presentation content directly from your mobile device.
View presentation content from remote locations and keep the meeting flowing.

Advanced Collaboration
Take notes, make annotations with the Whiteboard as well as instantly chat via the Chat Room.

Source Preview
Drag and drop sources from what you see to where you want to see it to efficiently control the display of multiple presentation sources.
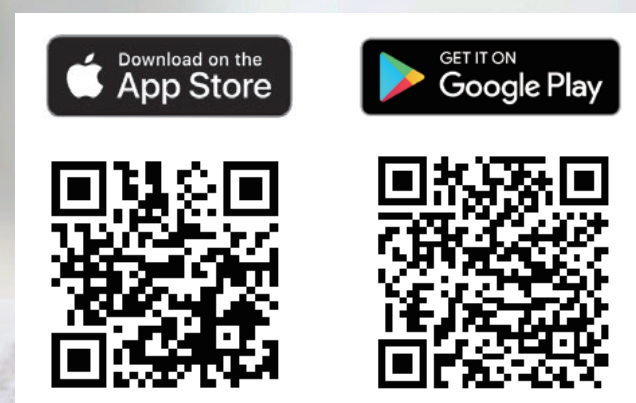
Intuitive Control
Set layouts, control audio and more with a few simple taps.

Note:
* 1. The features on Video Presentation Control App vary depending on functions supported by each Model.

2. The Video Presentation Control App currently supports VP2120 and VP2730. Support for VP1420 and VP1421: Q2, 2020. For latest information, please visit the ATEN website.

Specifications

Core Series

Series	Core Series		
Photo			
Model	VP1420	VP1421	VP1920
Video Inputs			
Interfaces	3 x HDMI Type A Female 1 x VGA Female	2 x HDMI Type A Female 1 x VGA Female 1 x HDBaseT (RJ-45 Female)	6 x HDMI Type A Female 1 x DP Female 1 x VGA Female 1 x Component (3 x RCA Female) 1 x Composite (1 x RCA Female)
Video Outputs			
Interfaces	2 x HDMI Type A Female	1 x HDMI Type A Female 1 x HDBaseT (RJ-45 Female)	2 x HDMI Type A Female
Max. Distance	HDMI: 4K@60Hz (4:4:4) up to 3m; 4K@30Hz up to 10m; 1080p@60Hz up to 15m	HDMI: 4K@60Hz (4:4:4) up to 3m; 4K@30Hz up to 10m; 1080p@60Hz up to 15m HDBaseT: 4K@30Hz up to 35m (Cat 5e/6) / 40m (Cat 6a/ATEN 2L-2910 Cat6); 1080p@60Hz up to 60m (Cat 5e/6) / 70m (Cat 6a/ATEN 2L-2910 Cat6)	Up to 15 m
Video			
Max. Resolution	HDMI: Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4) VGA: Up to 1920x1200@60Hz	HDMI: Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:4:4); VGA: Up to 1920x1200@60Hz HDBaseT: Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); Up to 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)	HDMI/DP: Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4) VGA/Analog: Up to 1920 x 1200 @ 60Hz
Compliance	HDMI 2.0 (3D, Deep Color, 4K); HDR; HDCP 2.2 Compatible; Consumer Electronics Control (CEC)		HDMI (3D, Deep Color, 4K); HDMI/DP: HDCP 1.4 Compatible; Consumer Electronics Control (CEC)
EDID Settings	EDID Mode: ATEN Default / Display A / Remix		
Audio			
Input	Stereo Audio (VGA): 1 x Mini Stereo Jack Female Stereo Audio (HDMI): 1 x Mini Stereo Jack Female	Stereo Audio (HDMI/HDBaseT): 1 x Mini Stereo Jack Female Stereo Audio (VGA): 1 x Mini Stereo Jack Female Microphone: 1 x 6.3mm Jack Connector (supports phantom power)	Stereo Audio: 1 x Mini Stereo Jack Female Composite/Component Audio: 2 x RCA Female
Output	Line Out (Unbalanced): 1 x Captive Screw Connector, 3-pole	Line Out (Unbalanced): 1 x Captive Screw Connector, 3-pole Optical Audio: 1 x Toslink	Optical Audio: 1 x Toslink Coaxial Audio: 1 x RCA Female Stereo Audio: 2 x RCA Female
Connectors			
Computers	N/A	N/A	2 x USB Type B Female
USB	N/A	N/A	Keyboard/Mouse: 2 x USB Type A Female Device: 2 x USB Type A Female
Control			
RS-232	1 x Captive Screw Connector, 3-pole	1 x Captive Screw Connector, 3-pole	1 x DB 9 Female
IR	1 x Mini Stereo Jack Female	1 x Mini Stereo Jack Female	1 x Mini Stereo Jack Female
Ethernet	1 x RJ-45 Female	1 x RJ-45 Female	N/A
Contact In	1 x Captive Screw Connector, 5-pole	1 x Captive Screw Connector, 5-pole	N/A
LED Out	1 x Captive Screw Connector, 5-pole LED out power: +5 VDC, 0.2 A	1 x Captive Screw Connector, 5-pole LED out power: +5 VDC, 0.2 A	N/A
IR Channel	N/A	HDBaseT In: 1 x Mini Stereo Jack Female HDBaseT Out: 1 x Mini Stereo Jack Female	N/A
RS-232 Channel	N/A	HDBaseT In: 1 x Captive Screw Connector, 3-pole HDBaseT Out: 1 x Captive Screw Connector, 3-pole	N/A
Power			
Connectors	1 x DC Jack (Black)	1 x DC Jack	1 x 3-prong AC Socket
Consumption	DC5V: 7.21W	DC12V:14.93W	AC110V: 7.3W; AC220V: 7.3W
Environmental			
Operating Temperature	0 - 40°C		
Storage Temperature	-20 - 60°C		
Humidity	0 - 80% RH, Non-Condensing		
Physical Properties			
Housing	Metal		
Weight	1.09 kg (2.4 lb)	1.16 kg (2.56 lb)	2.36 kg (5.20 lb)
Dimensions (L x W x H)	20.00 x 16.05 x 4.40 cm (7.87 x 6.32 x 1.73 in.)	20.00 x 17.01 x 4.40 cm (7.87 x 6.7 x 1.73 in.)	43.72 x 16.36 x 4.40 cm (17.21 x 6.44 x 1.73 in.)
Accessories			
Included Accessories	1 x IR Receiver 1 x IR Remote Control 2 x 3-pole Terminal Blocks 2 x 5-pole Terminal Blocks 1 x Power Adapter	1 x IR Receiver 1 x IR Remote Control 4 x 3-pole Terminal Blocks 2 x 5-pole Terminal Blocks 1 x Power Adapter	1 x Power Cord 1 x IR Receiver 1 x IR Remote Control
Optional Accessories	HDMI Cable (2m) : 2L-7D02H-1 LockPro™ (HDMI Cable Lock) : 2X-EA12 IR Remote Control : 2XRT-0111G IR Receiver Cable (38 KHz) : 2XRT-0003G Rack Mounting Kit : 2X-049G Under Table Mounting Kit : 2X-044G	HDMI Cable (2m) : 2L-7D02H-1 LockPro™ (HDMI Cable Lock) : 2X-EA12 IR Remote Control : 2XRT-0111G IR Receiver Cable (38 KHz) : 2XRT-0003G HDBaseT Cat 6 Cable : 2L-2910 Rack Mounting Kit : 2X-049G Under Table Mounting Kit : 2X-044G	HDMI Cable (2m) : 2L-7D02H-1 DisplayPort Cable (1.8m) : 2L-7D02DP LockPro™ (HDMI Cable Lock) : 2X-EA12 IR Remote Control : 2XRT-0109G Cable (38 KHz) : 2XRT-0003G

Collaborative Series

Series	Collaborative Series	
Photo		
Model	VP2120	VP2730
Video Inputs		
Interfaces	1 x HDMI Type A Female	5 x HDMI Type A Female 1 x DP Female 1 x VGA
Video Output		
Interfaces	2 x HDMI Type A Female	2 x HDMI Type A Female 1 x HDBaseT (RJ-45) Female
Max. Distance	HDMI: Up to 15m	HDMI: Up to 15m HDBaseT: Up to 1080p @ 60m (Cat 5e/6) / 70m (Cat 6a/ATEN 2L-2910 Cat 6)
Video		
Max. Resolution	HDMI: Up to 1080p@60Hz	HDMI/DP: Up to 1080p @ 60Hz VGA/Analog: Up to 1920 x 1200 @ 60Hz
Compliance	HDMI: HDCP 1.4 Compatible; Consumer Electronics Control (CEC)	
EDID Settings	EDID Mode: ATEN Default / Display A	
Audio		
Input	Microphone: 1 x Mini Stereo Jack Female	Stereo Audio: 1 x Mini Stereo Jack Female Balance Audio: 1 x Captive Screw Connector, 5-pole Microphone: 1 x Captive Screw Connector, 3-pole (supports phantom power)
Output	Stereo Audio: 1 x Mini Stereo Jack Female	Optical Audio: 1 x Toslink Coaxial Audio: 1 x RCA Female Stereo Audio: 2 x RCA Female
Connectors		
USB	USB 3.0: 1 x USB Type A Female	USB 2.0: 2 x USB Type A Female USB 3.0: 1 x USB Type A Female
Control		
RS-232	N/A	1 x DB 9 Female
IR	1 x Mini Stereo Jack Female	1 x Mini Stereo Jack Female
Ethernet	1 x RJ-45 Female	1 x RJ-45 Female
Power		
Connectors	1 x DC Jack	1 x 3-prong AC Socket
Consumption	DC12V: 14.46W	AC110V: 28.5W; AC220V: 27.3W
Environmental		
Operating Temperature	0 - 40°C	
	1 x DB 9 Female	
Storage Temperature	-20 - 60°C	
Humidity	0 - 80% RH, Non-Condensing	
Physical Properties		
Housing	Metal	
Weight	1.14 kg (2.51 lb)	3.70 kg (8.15 lb)
Dimensions (L x W x H)	20.00 x 16.92 x 4.40 cm (7.87 x 6.66 x 1.73 in.)	43.24 x 26.28 x 4.40 cm (17.02 x 10.35 x 1.73 in.)
Accessories		
Included Accessories	1 x IR Receiver 1 x IR Remote Control 1 x Power Adapter	1 x Power Cord 1 x IR Receiver 1 x IR Remote Control 2 x Terminal Blocks 4 x Foot Pads
Optional Accessories	HDMI Cable (2m) : 2L-7D02H-1 LockPro™ (HDMI Cable Lock) : 2X-EA12 IR Remote Control : 2XRT-0112G IR Receiver Cable (38 KHz) : 2XRT-0003G Rack Mounting Kit : 2X-049G Under Table Mounting Kit : 2X-044G	HDMI Cable (2m) : 2L-7D02H-1 DisplayPort Cable (1.8m) 2L-7D02DP LockPro™ (HDMI Cable Lock) : 2X-EA12 IR Remote Control : 2XRT-0110G IR Receiver Cable (38 KHz) : 2XRT-0003G HDBaseT Cat 6 Cable : 2L-2910 Rack Mounting Kit : 2X-043G Under Table Mounting Kit : 2X-044G