Seamless Presentation Switch with Quad View Multistreaming
VP2120

Empowering Efficient BYOD Collaborations On-Demand

The VP2120 is a Seamless Presentation Switch that integrates video matrix switch, quad-view multistreaming, audio DSP, and idea-sharing platform into one compact device. With the seamless switching between streamed-in sources, the online idea exchanging features, and the network capability that enables the wireless connection for mobile devices, the VP2120 and ATEN Video Presentation Control App empower wireless BYOD collaboration anytime when a short catch-up, quick meeting, instant brainstorm, stand-up, or ad hoc call is needed.

Designed for flexible and spontaneous team collaboration, the VP2120 along with ATEN Video Presentation Control App facilitates BYOD meetings with the straightforward user interface that give users quick and easy access to any on-the-fly meetings. Joining an online meeting is easy and secure. Participants can just bring their own devices and use the private QR code or room code, or auto scan the local network to get available room list to log in, even when they're not physically in the same area. The VP2120 enables bi-directional content streaming of up to 4 participants simultaneously while allowing for up to 12 individuals to log in. With the built-in multi-view mode, the streamed sources can be output on the same screen, with the display layout either being set up by the host or dynamically adjusted to suit the number of sources available. Participants can also focus a streaming input to display in full screen or view the go-live screen together for synchronization. As long as the participants are all in the same network environment, the built-in audio DSP enables the remote one to broadcast microphone audio signal to other meeting members, as well as mixes Mic input and HDMI input for HDMI or audio output. To avoid random noise and visual distractions, attendee audio and video permission can be managed by the host.

Speaking of other highlighted features, the VP2120, together with ATEN Video Presentation Control app, include the Whiteboard that allows for real-time annotation for idea exchange and synchronization, the Chat Room with ample 50MB storage space that helps enhance interaction among participants, and the Video Capture function that records the meeting process for future tracking. In order to increase audience size, the VP2120 supports RTMP for streaming video content to large audience via RTMP compatible sites such as Facebook, Youtube, etc. Thanks to this collaborative presentation solution, any form of small-group discussion can be facilitated efficiently with ease to deliver an immediate boost to team work.

| EDID | Seamless Switch | Streaming | IR Remote Control | A/V In HDMI | A/V Out HDMI | Audio In Microphone | Stereo Audio |

Front view

Rear view

Highlights

ATEN Video Presentation Control App

This free app provides direct and easy access to collaborate and control meeting presentations from users' mobile device. Featuring bi-directional wireless streaming and convenient collaboration widgets such as White Board, Chat Room, File Sharing, and Group Broadcasting, it helps users deliver smooth, engaging, and productive meetings.
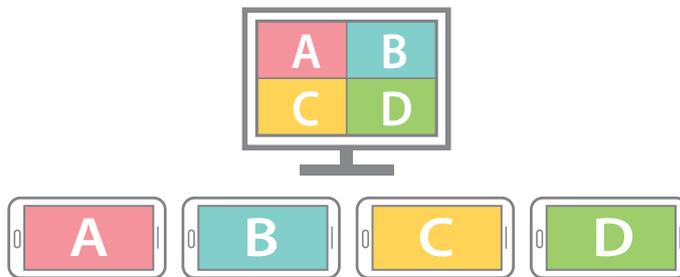
Stream from Any BYOD Device

The VP2120 allows participants to join meetings wirelessly from laptops, tablets, and smartphones, making collaboration from almost any mobile device extremely fast and easy. Just simply log-in to join the meeting or start sharing the presentation contents from the Web GUI or from the ATEN Video Presentation Control App on any Apple or Android mobile device.

Simultaneous Bi-directional Multistreaming

Expedite collaboration with bi-directional content streaming of up to 4 participants simultaneously. Click the "Start Sharing" button to stream in presentation contents from the laptop or mobile device, as well as "Go Live" to stream out presentation contents in real-time to participants located in different parts of the vicinity. Streamed contents can be displayed across all participants' devices as well.
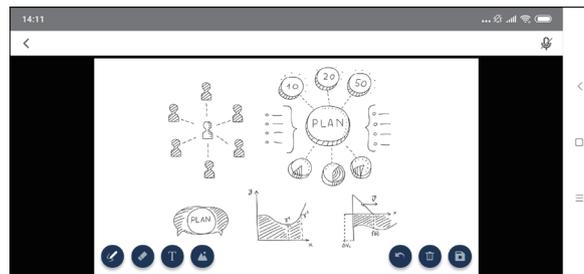
4 participants streamed in

Quad View Flexibility with Auto Layout

The built-in multi-view mode allows up to a maximum of 4 streamed-in sources to be displayed in quad view on the same screen, with the display layout either being set up by the host or dynamically adjusted to suit the number of sources available. Participants can select a streamed-in source to enlarge and make it full-screen, enhancing the flexibility of spontaneous presentation adjustments according to meeting discussions at present.
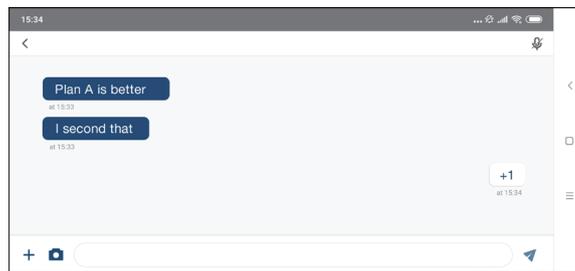
Whiteboard Real-time Annotation	The Whiteboard facilitates discussions by enabling multiple participants to take notes and make annotations on any file in real-time. It provides an intuitive experience by featuring text input, pencil, and image upload, as well as drag-and-drop and enlarge functions. Whiteboard contents can be saved and shared with others for efficient post-meeting follow-up, execution, and decision making.
Chat Room Instant Sharing	The Chat Room enhances interaction and information sharing between participants. Participants can chat with each other or send files instantly to all participants to ensure that everyone is on the same page and has access to relevant information for the meeting.
Built-in Audio DSP	The built-in audio DSP enables the remote one to broadcast microphone audio signal to other meeting members, as well as mixes Mic input and HDMI input for HDMI or audio output.

Features

Brilliant AV Routing
- One HDMI input and dual HDMI outputs plus 4 bi-directional streaming with matrix display support
- Seamless Switching between streamed-in sources for fast idea exchange
- Scaler – features a video scaling function to convert input resolutions to the optimum display resolutions
- Audio DSP – mixes Mic input and HDMI input for HDMI or audio output
- HDMI audio de-embedding support
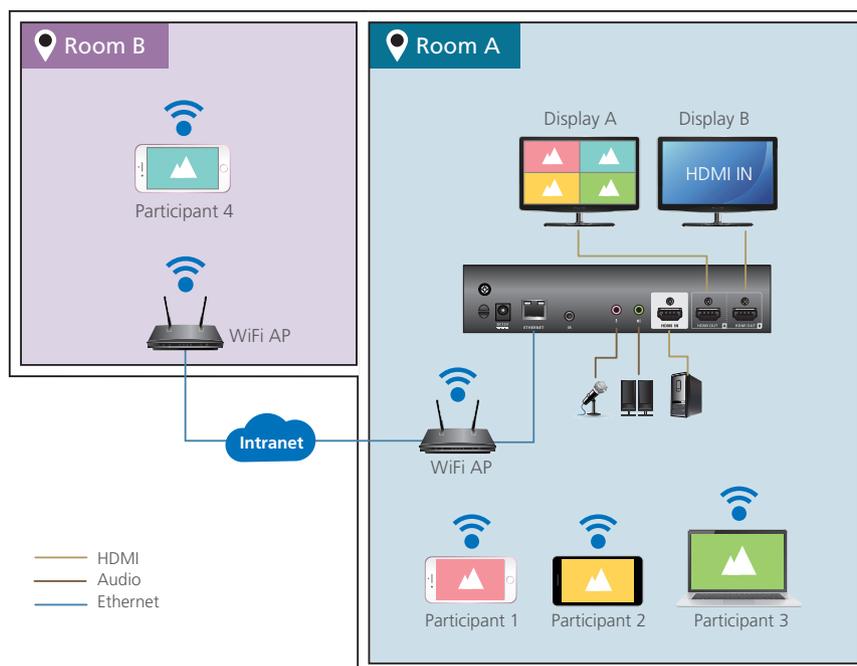
Launch A Quick Meeting Anytime
- Launches wireless BYOD collaboration via Web GUI and Mobile App in a swift and agile way
- Offers quick and easy access to log in a quick meeting via multiple methods:
  - Start auto scan and select a room number from the list
  - Scan the QR code shown on the VP2120 OSD
  - Load a pre-saved QR code
  - Input the IP address and Room code shown on the OSD

Seamless BYOD Collaboration
- Multiple control method via front-panel pushbuttons, web GUI, OSD, IR remote, and mobile app
- Streaming in – view up to 4 streamed-in contents simultaneously for real-time synchronization
- Streaming out – allows log-in participants to view the Go-live contents on personal devices
- Attendee audio / video permission can be managed by the host
- Multi-view mode – the display layout can either be set up by the host or dynamically adjusted to suit the number of sources available
- Whiteboard allows real-time annotation for idea exchange and synchronization
- Chat room feature enhances text interaction and information sharing
- Video capture records the meeting process for future tracking
- File sharing enables further data sharing and follow-up
- Supports RTMP for streaming video content to large audience via RTMP compatible sites such as Facebook, Youtube, etc.

High-definition Video with Optimum Output
- Superior video quality up to 1920 x 1080 with single streaming input and 854 x 480 with 4 streaming inputs
- EDID Expert™ – automatically selects the optimum EDID settings for smooth power-up, high-quality display, and the best video resolution across connected devices
- Supports HDMI (1080p); CEC (Consumer Electronics Control); HDCP 1.4 compliant

Specifications

	VP2120
Video Input	
Interfaces	1 x HDMI Type-A Female (Black)
Video Output	
Interfaces	2 x HDMI Type-A Female (Black)
Max. Distance	HDMI : Up to 15 m
Video	
Max. Resolution	HDMI : Up to 1080p @ 60 Hz
Compliance	HDMI : HDCP 1.4 Compatible ; Consumer Electronics Control (CEC)
Audio	
Input	Microphone : 1 x Mini Stereo Jack Female (Pink)
Output	Stereo Audio : 1 x Mini Stereo Jack Female (Green)
Connectors	
Console Ports	USB 3.0 : 1 x USB Type-A Female (Blue)
Power	1 x DC Jack (Black)
Control	
IR	1 x Mini Stereo Jack Female (Black)
Ethernet	1 x RJ-45 Female (Silver)
Switches	
Power	1 x Pushbutton (LED: Green)
Selection	Room Info: 1 x Pushbutton Menu: 1 x Pushbutton Left: 1 x Pushbutton Right: 1 x Pushbutton Down: 1 x Pushbutton Up / Unlock: 1 x Pushbutton Volume: 1 x Knob Enter: 1 x Pushbutton ESC: 1 x Pushbutton
EDID Settings	EDID Mode: ATEN Default / Display A
Power Consumption	DC12V: 14.46W
Environmental	
Operating Temperature	0 – 40 °C
Storage Temperature	-20 – 60 °C
Humidity	0 – 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	1.14 kg
Dimensions (L x W x H)	20.00 x 16.92 x 4.40 cm

Product information is subject to change without prior notice.