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 allows bi-directional content streaming of up to 4 participants simultaneously. With the built-in multi-view mode, the streamed sources can be displayed on the same screen, which the layout dynamically adjusts to suit the number of sources available. Participants can also focus a streaming input to display full screen or view the go-live screen together for synchronization. Moreover, the built-in audio DSP allows remote participants to broadcast to meeting members using their own devices, with the sound mixed with the program audio.

The VP2120 along with ATEN Video Presentation Control App also features more advanced online idea-sharing functions: Whiteboard allows real-time annotation for idea exchange and synchronization; Chat Room feature enhances interaction between participants; File Sharing enables further data sharing and follow-up; while Video Capture records the meeting process for future tracking. This Collaborative presentation solution facilitates any forms of small-group discussion that gives an immediate boost to team work.

HDMI™
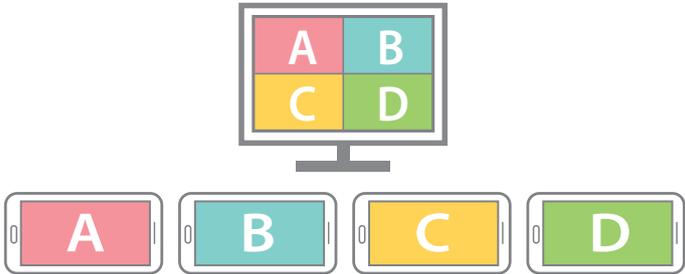HIGH DEFINITION MULTIMEDIA INTERFACE

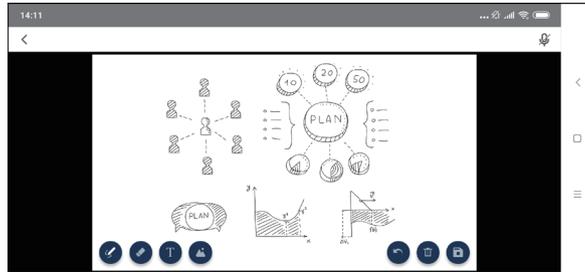| EDID | Seamless Switch | Streaming | IR Remote Control | A/V In HDMI | A/V Out HDMI | Audio In Microphone | Stereo Audio |

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 your mobile device. Featuring bi-directional wireless streaming and convenient collaboration widgets such as White Board, Chat Room, File Sharing, and Group Broadcasting, it helps you 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 your presentation contents from the Web GUI or from the ATEN Video Presentation Control App on any Apple or Android mobile device.

BYOD

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 your 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, and dynamically adjusts its layout 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 audio DSP allows remote participants to use their own devices to speak to meeting members. The last streamed in audio is broadcasted to all meeting participants and mixed with the program audio.

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
- Audio DSP – mix Mic input, HDMI input, and the last streaming input for HDMI or audio output
- HDMI audio de-embedding support
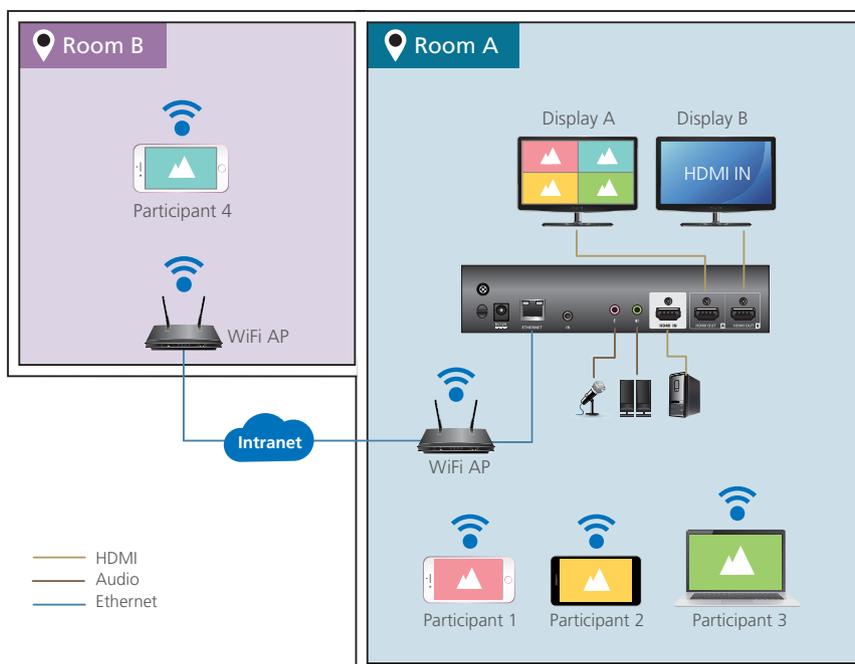
Launch a Quick Meeting Anytime
- Launches wireless BYOD collaboration via Web GUI and Mobile App in a swift and agile way
- Offers quick and easy access to log in a quick meeting via multiple methods:
  - Start auto scan and select a room number from the list
  - Scan the QR code shown on the VP2120 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
- Multi-view with Auto layout – dynamically adjusts the layout to suit the number of streamed-in 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

High-definition Video with Optimum Output
- Superior video quality up to 1920 x 1080 with single streaming input and 854 x 480 with four 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
- HDMI (1080p); CEC (Consumer Electronics Control); HDCP 1.4 compliant

Specifications

Function	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 15m
Video	
Max. Resolution	HDMI: Up to 1080p@60Hz
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.