

4K Wireless Presentation Switch / 4K Wireless Presentation Switch with Quad View

VP2020 / VP2021

As a wireless BYOD solution, the VP2020 / VP2021 is a 4K presentation switch featuring a Wi-Fi module and multiple access approaches for the essential connectivity that a successful meeting requires. It enables users to cast up to 4K content to 1 HDMI-enabled display and 1 VGA-enabled display at the same time via Wi-Fi from their laptops or mobile devices. Such wireless connectivity supports all major operating platforms, including Windows, macOS, and Android, through the dedicated ATEN Wireless Presentation Switch App. Moreover, the VP2020 / VP2021 is compatible with AirPlay¹, Google Cast¹, and Chrome.

The VP2020 / VP2021 contains various features that make it a perfect collaboration terminal. The VP2020 allows up to 8 attendees to quickly enter a meeting either wirelessly (through VP2020) or via LAN connection in the same network environment; On the other hand, the VP2021 enables up to 8 attendees to join the meeting remotely through its wireless connection and up to 20 attendees via LAN connection in the same network environment. With the capability of displaying multiple sources simultaneously, content can be presented in full screen / side-by-side / quad view (VP2021 only) screen layouts. When auto layout projection is enabled, the layout can be switched automatically whenever a new signal is detected. The USB-C and USB Type-A ports feature touch back functionality, delivering seamless operation of a presentation directly from a connected touchscreen or mouse. Moderation Mode gives the moderator access to manage and control attendees' connection status as well as the AV content being displayed. Moreover, the VP2021 supports collaboration tools, such as annotation, whiteboard on screen, and screen capturing, to take video conferencing and digital learning experiences to the next level.

Additional highlights include the all-metal enclosure that gives the presentation switch a sleek look while guaranteeing durability. VP2020 / VP2021's support for Power over Ethernet (PoE) connectivity makes installation easier without the need for an extra power adapter. Integration with audio amplifiers or mixing systems is made easier thanks to the audio de-embedding functionality. The VP2020 / VP2021 is a perfect fit for achieving seamless teamwork in any wireless meeting.

VP2020 Front View



VP2021 Front View



VP2020 Rear View



VP2021 Rear View

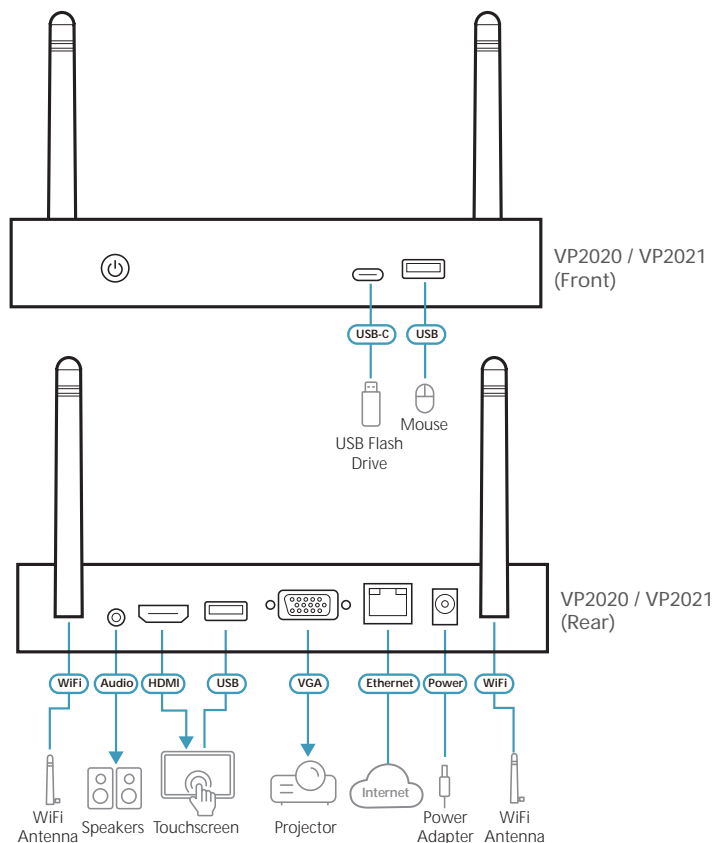


Features

- A BYOD presentation switch with wireless presentation capability
- Up to 4K content can be output to 1 HDMI-enabled display and 1 VGA-enabled display at the same time
- Allows native content sharing from users' laptop screens through the ATEN Wireless Presentation Switch App available on Windows, macOS, and Android
- Compatible with popular operating systems, including AirPlay¹, Google Cast¹, and Chrome, for wireless content sharing
- Multi-view presentation:
 - VP2020 — up to two sources can be shared wirelessly in full screen / side-by-side layout
 - VP2021 — up to four sources can be shared wirelessly in full screen / side-by-side / quad view layout
- Auto layout projection — presentation layout can be switched automatically whenever a new signal is detected
- Multiple simultaneous connections:
 - VP2020 allows up to 8 attendees to quickly enter a meeting either wirelessly (through VP2020) or via LAN connection in the same network environment
 - VP2021 enables up to 8 attendees to join the meeting remotely through its wireless connection and up to 20 attendees via LAN connection in the same network environment
- Moderation Mode — the moderator can manage and control attendees' connection status and the AV content being displayed
- Multiple collaboration tools² — annotation, whiteboard on screen, and screen capturing
- USB touch back — allows for seamless operation of a presentation directly from a connected touchscreen or mouse
- Web GUI for control and configuration of the presentation switch
- Supports Power over Ethernet (PoE) connectivity for easier installation, eliminating the need for an additional power adapter
- HDMI audio de-embedding — enables easy integration with audio amplifiers or mixing systems
- A perfect collaboration terminal that suits any wireless video conference and digital learning application

***Note:**

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2. These collaboration tools are supported by VP2021 only.



Specifications

	VP2020	VP2021
Video Output		
Interfaces	1 x HDMI Type A female (Black) 1 x VGA (HDB-15) Female	
Max. Distance	HDMI: Up to 5 m VGA: Up to 15 m	
Video		
Max. Resolution	HDMI: Up to 4K @ 30 Hz VGA: Up to 1080p	
Audio		
Output	Stereo Audio: 1 x Mini Stereo Jack Female (Black)	
Wireless		
Authentication Protocol	AP mode: WPA2-PSK Station mode: WEP, WPA, WPA2, 802.1x EAP	
Wireless transmission Protocol	IEEE 802.11ac	
Frequency Band	Switchable dual band 2.4GHz and 5GHz (DFS channels not supported)	
Reach	20 m Transmission in 5 GHz 30 m Transmission in 2.4 GHz	
Connectors		
Console Ports	USB 3.0: 1 x USB Type-A Female (Blue) USB 2.0: 1 x USB Type-A Female USB-C: 1 x USB-C Female	
Power	1 x DC Jack (Black)	
Switches		
Power	1 x Pushbutton (LED: Blue)	
Control		
Ethernet	1 x RJ-45 Female (Silver)	
Power Consumption	DC12V:12W	
Environmental		
Operating Temperature	0 – 40 °C	
Storage Temperature	-20 – 60 °C	
Humidity	0 – 80% RH, Non-Condensing	
Physical Properties		
Housing	Metal	
Weight	0.472 kg	
Dimensions (L x W x H)	17.00 x 10.40 x 2.83 cm	

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