

VP1920

9 x 2 4K Presentation Matrix Switch



The ATEN VP1920 is a 3-in-1 [presentation switch](#) that integrates a [video matrix](#) switch, an audio processor, and analog-to-digital converter functions. With nine multi-format inputs to two HDMI 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 RS-232, the VP1920 reduces not only system device count, but also lower 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.



Features

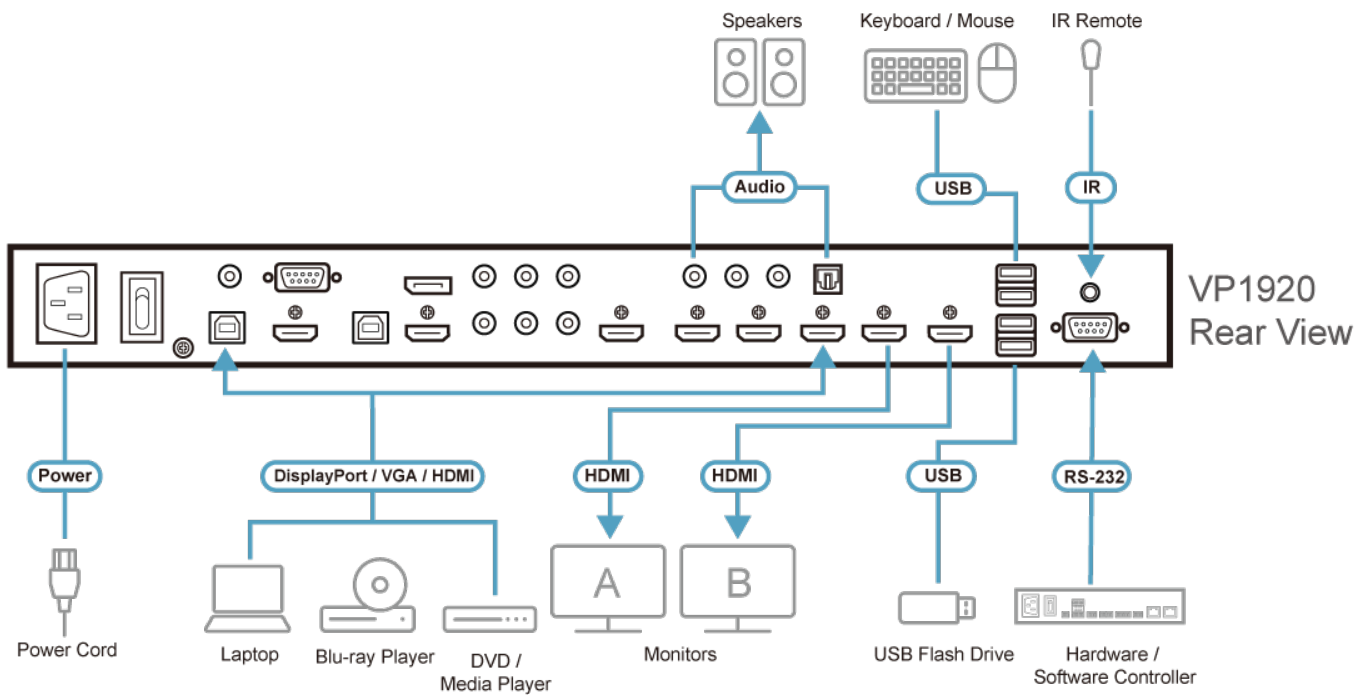
- **Multi-format AV Switching with Simplicity**
 - Supports multi-format 9 Inputs and 2 HDMI outputs:
 - 3 combo inputs (HDMI/VGA, HDMI/DisplayPort, HDMI/AV/YPbPr)
 - 3 HDMI inputs
 - 2 HDMI outputs
 - VGA port supports universal analog input formats (RGBHV/RGBs/YCbCr/YPbPr)
 - Embed/De-embed Audio–HDMI/DisplayPort audio signals can be extracted to digital/analog audio signals; stereo / composite/component audio can be embedded to digital audio signals
- **High-definition Video with Optimum Output**
 - Superior video quality up to 4096 x 2160@60Hz (4:2:0) / 4096 x 2160@30Hz (4:4:4) (HDMI/DP)
 - EDID Expert™ - automatically selects the optimum EDID settings for smooth power-up, high-quality display, and the best video resolution across connected devices
 - HDMI (3D, Deep Color, 4K); HDCP 1.4 compliant
- **Versatile, Streamlined Operation**
 - Multiple control methods via front-panel pushbuttons, RS-232, OSD, and IR remote
 - Source preview – quickly identifies and switches to the target content
 - Selectable display modes (Matrix, Mirror, or PiP) for different [presentation](#) demands
 - Auto switching – automatically detects and switches to a new source as soon as it is connected for time-saving and convenience
 - Supports stand-by mode for power saving and fast waking up
- **Extended Flexibility for USB Peripherals**
 - USB ports enable keyboard/mouse or touch panel control over the connected computers
 - Control focus for keyboard/mouse and USB peripherals can be individually switched to a designated computer source

Specifications

Video Input	
Interfaces	6 x HDMI Type A female (Black) 1 x DP Female (Black) 1 x HDB-15 Female (Blue) 1 x Component (3x RCA female, Blue/Green/Red) 1 x Composite (1x RCA female, Yellow)
Video Output	
Interfaces	2 x HDMI Type A female (Black)
Max. Distance	Up to 15m
Video	
Max. Resolution	HDMI: Up to 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4) DP: Up to 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4) VGA/Analog: Up to 1920x1200@60Hz
Compliance	HDMI (3D, Deep Color, 4K) HDMI/DP: HDCP 1.4 Compatible; Consumer Electronics Control (CEC)
Audio	
Input	Stereo Audio: 1 x mini stereo Jack female (Green) Composite/Component Audio: 2 x RCA female (Red/White)
Output	Optical Audio: 1 x Toslink (Black) Coaxial Audio: 1 x RCA female (Orange) Stereo Audio: 2 x RCA female (White / Red)
Connectors	
Computers	2 x USB Type B Female (White)
Console Ports	Keyboard/Mouse: 2 x USB Type A Female (White) Device: 2 x USB Type A Female (White)
Power	1 x 3-prong AC Socket
Control	
RS-232	1 x DB 9 female (Black)
IR	1 x Mini Stereo Jack Female (Black)
Switches	
Power	1 x Pushbutton 1 x Rocker
Video Input Port Selection	6 x Pushbutton
Video Output Port Selection	2 x Pushbutton
Selection	Mode: 1 x Pushbutton Menu: 1 x Pushbutton Up (Unlock): 1 x Pushbutton Esc: 1 x Pushbutton Audio: 1 x Pushbutton Preview: 1 x Pushbutton Down: 1 x Pushbutton Enter: 1 x Pushbutton
LEDs	
Video	Source 1: HDMI/VGA: 2(Green) Source 2: HDMI/DP: 2(Green) Source 3: HDMI/AV/YPbPr: 2(Green)
USB Link	Keyboard/Mouse: 2 (Amber) Device: 2 (Amber)
EDID Settings	EDID Mode: Default / Display A/ Remix
Power	
Maximum Input Power Rating	100-240 VAC; 50-60Hz; 1.0A

Power Consumption	AC110V:7.3W:60BTU/h AC220V:7.3W:60BTU/h Note: <ul style="list-style-type: none"> ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0-40°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	2.36 kg (5.2 lb)
Dimensions (L x W x H)	43.72 x 16.36 x 4.40 cm (17.21 x 6.44 x 1.73 in.)
Carton Lot	1 pc
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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