

VP2730

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



VP2730 is a multi-in-one presentation switch that integrates 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 high-definition outputs, VP2730 empowers larger meetings and facilitates collaboration between local and remote participants in boardrooms, video conferencing rooms, lecture halls or distance learning classrooms.

With the user in mind, VP2730 comes with a straightforward and accessible OSD and Web GUI to streamline operation for both local and remote participants. To facilitate sharing and collaboration with no distance limitations, VP2730 not only allows the meeting moderator to share video content to up to five remote sites, but also enables remote sites or local participants to wirelessly stream in their content for discussion. The moderator can monitor and switch among sources in any variation of full-screen, dual-view, tri-view, quad-view or PIP modes, with up to six sources displayed simultaneously on one screen.

VP2730 also features more advanced meeting management functions: Moderator Mode enables the meeting moderator to control other displays via the host display; Chat Room facilitates meeting communications; while Screen Capture and Freeze record and control the meeting flow. This Collaborative presentation solution facilitates distance-free content sharing along with advanced audio, simplifying AV integration via eliminating the need for numerous individual components and the compatibility challenges that accompany them.

Features

• Seamless Multi-format AV Switching

- Supports multi-format 7 Inputs:
 - 2 combo inputs (HDMI/VGA, HDMI/DisplayPort)
 - 3 HDMI inputs
- 2 HDMI and 1 HDBaseT outputs
- Superior video quality up to 1080p @ 60Hz (HDMI/DisplayPort)
- Ultra Seamless Switch™ – zero second switching that provides continuous video streams, real-time switching and stable signal transmissions
- Scaler – features a video scaling function to convert input resolutions to the optimum display resolutions
- Flexible aspect ratio conversion

• 1080p Streaming for Distance-free Sharing and Collaboration

- Go Live – meeting moderator can broadcast HD video streams to up to 5 remote locations
- Streaming In – remote locations can stream and share content to the meeting moderator at any distance via intuitive web GUI
- Streaming Queuing – shares the streamed-in content approved by the meeting moderator one at a time to help manage the meeting flow

• Audio Mixer Integration for Advanced Applications

- Audio Mixer – allows mixing of the microphone inputs to any external analog or digital audio output device
- Embed/De-embed Audio – HDMI/DisplayPort audio signals can be extracted to separate digital/analog audio signals; Mic/Line audio can be embedded to HDMI audio
- Supports multi-format digital/analog audio outputs, including coaxial, TOSLINK and RCA

• Advanced Conferencing Management Features for Collaboration

- Multi-view – displays and switches simultaneously in any variation of full-screen, dual-view, tri-view, quad-view or PIP modes, with up to six sources displayed simultaneously on one screen
- Moderator Mode – enables the meeting moderator control other displays via host display
- Chat Room – facilitates real-time and precise communication among remote participants
- Screen Capture – captures anything on your screen with a click
- Freeze – freezes the screen for discussion or to control the meeting flow

• Streamlined Operation

- View and control via [ATEN Video Presentation Control App](#) in a swift and agile way
- Multiple Control Options – flexible control via built-in Web UI, Front Panel, OSD, IR Remote Control, and RS-232, and [Mobile App](#)
- Auto switching – automatically detects and switches to a new source as soon as it is connected for time-saving and convenience

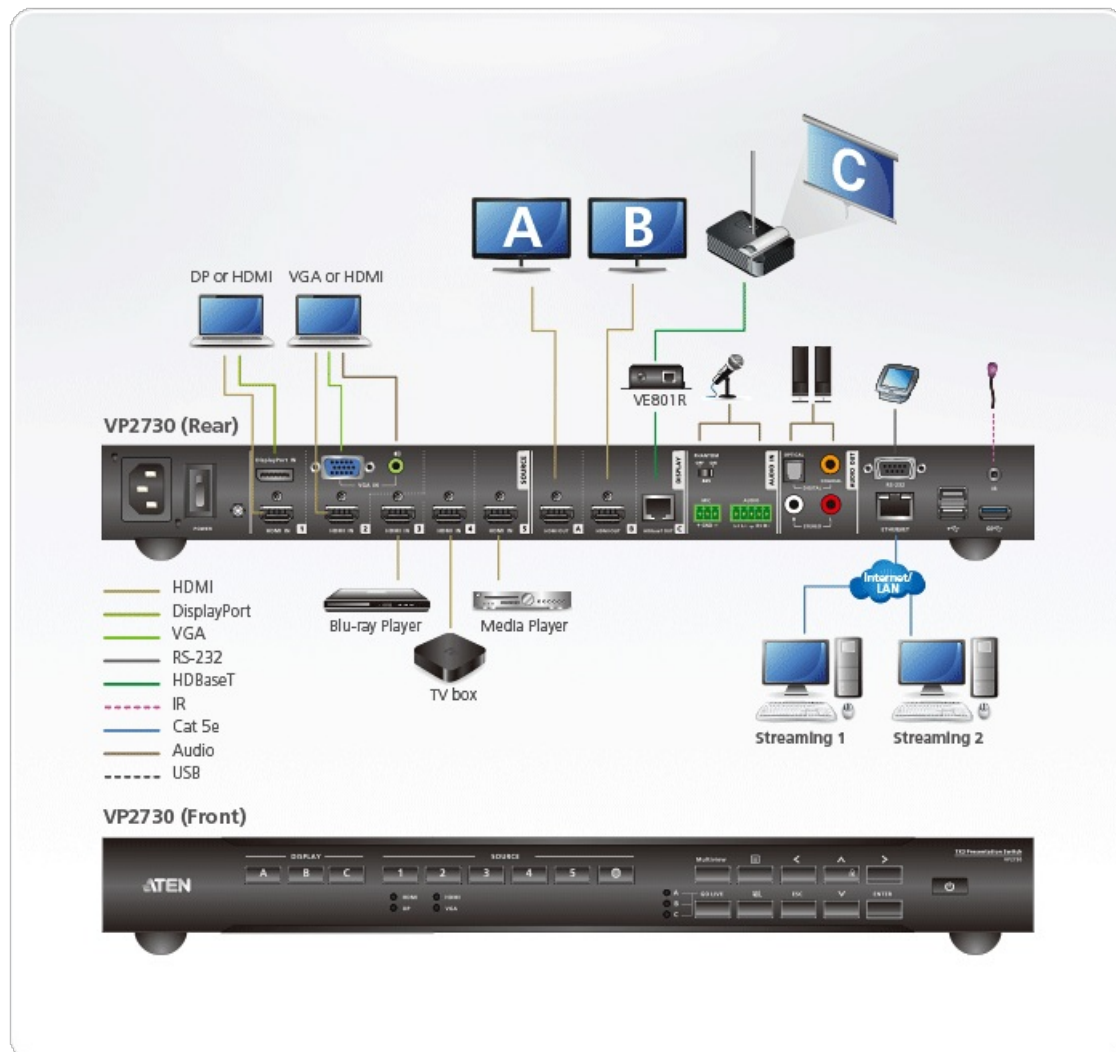
Specifications

| | |
|---------------|--|
| Video Input | |
| Interfaces | 5 x HDMI Type A female (Black) 1 x DP Female (Black) 1 x HDB-15 Female (Blue) |
| Video Output | |
| Interfaces | 2 x HDMI Type A female (Black) HDBaseT: 1 x RJ-45 Female (Silver) |
| Max. Distance | HDMI: Up to 15m HDBaseT: Up to 1080p@60m (Cat 5e/6) / 70m (Cat 6a/ATEN 2L-2910 Cat 6) |

| | |
|-----------------------------|--|
| Video | |
| Max. Resolution | HDMI/DP: Up to 1080p@60Hz VGA/Analog: Up to 1920x1200@60Hz |
| Compliance | HDMI/DP: HDCP 1.4 Compatible; Consumer Electronics Control (CEC) |
| Audio | |
| Input | Stereo Audio: 1 x mini stereo Jack female (Green) Balance Audio: 1 x Captive Screw Connector, 5-pole Microphone: 1 x Captive Screw Connector, 3-pole |
| Output | Optical Audio: 1 x Toslink (Black) Coaxial Audio: 1 x RCA female (Orange) Stereo Audio: 2 x RCA female (White / Red) |
| Connectors | |
| Console Ports | USB 2.0: 2 x USB Type A Female (White) USB 3.0: 1 x USB Type A Female (Blue) |
| Power | 1 x 3-prong AC Socket |
| Control | |
| RS-232 | 1 x DB 9 female (Black) |
| IR | 1 x Mini Stereo Jack Female (Black) |
| Ethernet | 1 x RJ-45 Female (Silver) |
| Switches | |
| Power | 1 x Pushbutton 1 x Rocker |
| Video Input Port Selection | Video In: 5 x Pushbutton Streaming In: 1 x Pushbutton |
| Video Output Port Selection | 3 x Pushbutton |
| Selection | Multiview: 1 x Pushbutton Menu: 1 x Pushbutton Left: 1 x Pushbutton Up (Unlock): 1 x Pushbutton Right: 1 x Pushbutton Go Live: 1 x Pushbutton Mute: 1 x Pushbutton Esc: 1 x Pushbutton Down: 1 x Pushbutton Enter: 1 x Pushbutton |
| Phantom power | 1 x Slide Switch |
| LEDs | |
| Video | Source 1: HDMI/DP: 2(Green) Source 2: HDMI/VGA: 2(Green) |
| Video Output | Go Live: 3 (Amber) |
| EDID Settings | EDID Mode: ATEN Default / Display A |

| | |
|----------------------------|--|
| Power | |
| Maximum Input Power Rating | 100-240 VAC; 50-60Hz; 1.0A |
| Power Consumption | AC110V:28.5W:174BTU/h AC220V:27.3W:168BTU/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 | 3.70 kg (8.15 lb) |
| Dimensions (L x W x H) | 43.24 x 26.28 x 4.40 cm (17.02 x 10.35 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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