

Aten VM1600A 16x16 Modular Digital Matrix Chassis

The VE901T DisplayPort HDBaseT-Lite Transmitter is able to extend a DisplayPort display up to 70 m using a Cat 6/6a/ATEN 2L-2910 Cat 6 cable. This combination of ATEN and HDBaseT™ technology supports sharing 4K media up to 40 m away, offering a simple, adaptable, and cost-effective solution for any professional A/V installation.

The VE901T DisplayPort HDBaseT-Lite Transmitter is the perfect choice for professional A/V installations that require video signal interference protection, such as in medical and military installations. With its lightweight and easy-to-mount design, and a slip-resistant DC Jack lock mechanism, the VE901T can be installed in a multitude of locations while ensuring peace of mind with its reliability.

Features

- Connects any of 16 video sources to any of 16 displays in combination with ATEN Modular Matrix I/O Boards
- Multiple means for system configuration including front-panel pushbuttons, RS-232/422/485 control, and Ethernet connections for web GUI or Telnet
- 4K resolutions –up to UHD (3840 x 2160) and DCI (4096 x 2160) with refresh rates of 30 Hz (4:4:4) and 60 Hz (4:2:0)*
- Scaler –features a (4K) video scaling function to convert input resolutions to the display's native resolutions*
- Seamless Switch™ –features close-to-zero second switching for continuous video streams, real-time switching, and stable signal transmissions*
- Video wall –allows you to create custom video wall layouts via intuitive web GUI*
- Calendar-based scheduling –plays connection profiles that synchronized with real-time clock
- EDID Expert –selects optimum EDID settings for smooth power-up, high-quality display, and use of the best resolutions across different screens
- Audio-enabled –HDMI audio can be extracted and stereo audio can be embedded*
- Bi-directional RS-232 channel – allows you to control the connected serial devices simultaneously through the web GUI
- Supports redundant power module for higher reliability
- Hot-swappable design for easy integration of I/O boards, fan module, and power supplies
- HDCP 2.2 Compatible*
- HDMI: 3D, Deep Color, 4K*
- Consumer Electronics Control (CEC) supported*
- Rack mountable (6U design)

Note:

1. The availability of the features with "*" depends on which I/O board is inserted.
2. When Seamless Switch™ is enabled, 3D, Deep Color, or interlace (i.e., 1080i) formats will not be supported. To use these formats, make sure to disable Seamless Switch™.
3. Videos may not display within range when Seamless Switch™ or Video Wall is enabled, in which case please adjust the display settings on your device.