

Aten VE8950 4K HDMI over IP Extender (Transmitter)

The ATEN VE8950T Video over IP Transmitter delivers visually lossless 4K AV signals with low latency over long distance via a local network of standard Gigabit network switch.

The VE8950T provides an effective, easy-to-use, and economical digital signage solution with the following features and advantages that directly address the challenges system integrators encounter when implementing AV over IP systems:

- Limitless scalability and flexibility
- No complicated IP setup
- No additional server PCs or software required
- Go further for less with daisy chaining

Engineered to meet today's demands of large scale, multi-display, 4K signal transmission, and designed to be easy to set up and operate, the VE8950T Video over IP Transmitter is an ideal product for a wide range of environments, such as trade shows, airports, university campuses, conference centers, and shopping centers.

Features

- Lightweight Compression with Ultra-low Latency
 - Delivers visually lossless high-quality video up to 4K @ 60 Hz 4:2:0 and 4K @ 30 Hz 4:4:4
 - Ensures stunning quality video using ATEN advanced video lossless compression technology
 - EDID Expert™ selects the optimum EDID settings for smooth power-up, high-quality display and the best video resolution across different screens
- Limitless Scalability and Flexibility
 - Extends AV connections from a simple point-to-point to a multi-point to multi-point setup via LAN without distance limitations
 - Offers multi-functionality in extender, splitter, matrix switch, video wall and daisy chain applications
- No Complicated IP Setup
 - Simple configuration that requires no extensive IT experience or extra learning
 - Effortlessly switches among input sources via top panel pushbuttons
- No Additional Server PCs or Software Required
 - Supports web GUI for device management
 - No additional server PCs, control boxes, or software/drivers are needed
- Go Further For Less with Daisy Chaining*
 - Connects multiple displays through a single port to utilize every port of the network switch and maximize their value
 - Easily expandable – cabling and system deployment is easy with no huge network switches and fewer cables needed
 - Perfect for large-scale deployment covering hundreds of meters, such as hotel facilities, airports, university campuses, stations, shopping malls, and exhibition centers
 - * Depending on your network architecture, we recommend daisy chaining up to 30 units. Please contact ATEN representatives for more details.
- Video Wall Support
 - Supports up to 8 x 8 video wall (64 displays)*
 - Supports horizontal or vertical (90° rotation) display orientation
 - Easily switches layout profiles, preview and drag-and-drop video sources via the intuitive web GUI
 - *Depends on your network architecture, please contact ATEN representatives for more details.
- Embedded / De-embedded Audio Support
 - Separate audio signal can be embedded into the HDMI stream
- Multiple Control Channels
 - Multiple control methods – the system can be managed via Ethernet or top-panel pushbuttons
 - USB Connectivity – USB port (USB 2.0) allows for connection of devices such as keyboard, mouse, flash drive, printer, and other USB peripherals
 - Bi-directional IR Channel – IR transmission is processed one way at a time
 - RS-232 Channel – bi-directional RS-232 serial port allows for connection of peripherals such as touch screens and barcode scanners