



Nice

EL-4K-VIP-TX

4K UHD Video Over IP Transmitter



Premium Video platform that uses visually lossless compression technology

The Nice EL-4K-VIP-TX Premium video over IP (VIP) platform enables distribution of HDMI video over a 1Gb Network switch. The Nice EL-4K-VIP-TX is an HDCP 2.2 compliant transmitter and receiver that use visually lossless compression technology to deliver HDMI, Bi-directional IR, RS-232 and USB/KVM up to lengths of 100m over standard network architecture.

The Nice EL-4K-VIP-TX can be powered via PoE from a network switch or powered locally should a switch either not be used or not support PoE. With multiple configuration options available, this Video over IP solution is ideal for both commercial and residential installations.

EL-4K-VIP-TX 4K UHD Video Over IP Transmitter



Features

- Designed to work with the Nice Smart Home Management automation platform
- Advanced UHD video over 1Gb Network
- Virtually unlimited system size
- Connect to any supported Layer 2 / Layer 3 managed Switch for HDMI video distribution
- Supports up to 4K HDR UHD video (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
**Note: HDR support is dependent on video signal bandwidth. Please see table in product manual for reference*
- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission
- Video up-scaling and down-scaling
- Features 4 operational modes
- Matrix distribution (Requires 1GB network switch)
- Video wall (Requires 1GB network switch)
- One to one HDMI extender (No network switch required)
- One to many HDMI splitter (No network switch required)
- HDCP 2.2 Compliant
- Advanced EDID management
- Analog L/R audio embedding and de-embedding on EL-4K-VIP-TX transmitter
- Analog L/R audio breakout on EL-4K-VIP-RX Receiver
- Bi-directional RS-232 and IR pass through
- USB 2.0 connectivity (backwards compatible with USB 1.1) for KVM and other USB devices
- PoE (Power over Ethernet) to power Nice products from PoE switch
- Locally 24V 1A power input should network switch not support PoE, sold separately
- Simple configuration via web-GUI through the EL-4K-VIP-ACM
- HDMI audio embedding supports up to 192 Khz, EL-4K-VIP-RX analog audio output supports up to 96 Khz only
- RS-232, IR and Telnet / IP integration for control of the VoIP system using Nice EL 4K-VIP-ACM

Specifications

Video input	1 x HDMI Type A, female
Audio input	1 x 3.5mm L/R analog audio
Audio output	2 x RCA L/R analog audio
Video output/Ethernet port	1 x LAN RJ45 connector (PoE 9W)
USB /KVM	1 x USB, Type B
RS-232 serial port	1 x 3-pin Phoenix connector
IR input	1 x 3.5mm stereo jack

IR flasher	1 x 3.5mm mono jack
Firmware update	1 x USB Micro B
Accessories	Mounting kit included
Dimensions (W x D x H)	190mm x 114mm x 25mm
Shipping weight (Kit)	0.8 Kg
Operating temperature	32°F to 104°F (0°C to 40°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)

