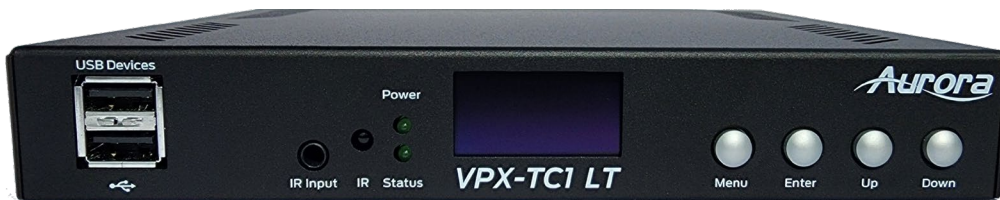


"Perceivably Perfect" 4K30 4:4:4 1Gbps Zero Frame Latency AV over IP



The VPX-TC1-LT is the low-cost version of the VPX-TC1-PRO utilizing the same Aurora Mimix™ CODEC technology. Mimix™ compression allows for near perfect reproduction of video and graphic images at resolutions up to 4K30 4:4:4 over 1G networks. It has zero frame (1.78ms) of latency and seamless switching for fast lag free content. Power consumption is important as the VPX-TC1-LT uses as little as 6.4 watts. It does this with no fan and a small form factor saving a lot of money in utility bills as it uses 1/3 the power of comparable systems.

Features:

- Configure as Encoder or Decoder
- 4K30 4:4:4/4K60- 4:2:0 UHD 120m over 1G CAT 5e
- Zero Frame Latency (1.78ms)
- HDMI 2.0b, HDCP 2.2
- LPCM up to 8-channels, Dolby Digital Plus, Dolby TrueHD DTS HD Master Audio
- Enterprise Security (AES 256, 802.1x, HTTPS, & SSH)
- One Frame Latency (16.6ms)
- Low Power Fanless Design
- Scaling & Seamless Switching
- MJPEG Preview 480p 15 frames
- Video Wall with Image Rotation
- 1G LAN PoE and SFP for Fiber or 2nd RJ-45
- 1 HDMI Inputs, 1 HDMI Output
- Line In/Out Stereo
- RS-232 Serial Port and IR (In/Out)
- Channel Mapping with OSD
- Integrated Web Server for Configuration
- USB 2.0 Ports for Cameras, HID, Mass Storage, etc.
- Dante® 2/8 Ch Audio License Options & Dante Controller
- Rack and Under Table Mounting

Audio, video, data, and control can be sent securely to one or many units using off-the-shelf 1G RJ-45 Ethernet switch. When the VPX-TC1-LT is set up to be a transmitter, the HDMI input becomes the source, and the HDMI output becomes a loop out. When set up as a receiver, a user can select the local HDMI input or an IP streaming source. Seamless switching of the sources further enhances the presentation. Regardless of how the VPX-TC1-LT is set up, the audio can be de-embedded at any location, and/or be sent to or received from a Dante® enabled device. The USB is also flexible, working as a KVM and/or a high-speed data transfer for memory sticks & another port just for cameras. To keep the system friendly, an OSD and integrated web server are available for easy navigation and setup of features. The VPX LT model is fully compatible with the VPX PRO models.

Digital signage, education, corporate, and residential are just a few markets which benefit from the flexibility and low cost of the VPX-TC1-LT.

Videowall with Image Rotation



Technical Specifications:

Model Name	VPX-TC1-LT
Technical	
Compression	Mimix™ 13:1
Latency	0 Frames (1.78ms)
HDMI Inputs	1 (HDMI 2.0b, HDCP 2.2)
HDMI Outputs	1 (HDMI 2.0b, HDCP 2.2)
Encryption	AES 256
Audio Analog	Stereo Line In/Out (3.5mm TRS)
1G Ethernet	RJ-45 and SFP
LAN	RJ-45 10/100/1000M PoE
Video Bandwidth	300MHz
Video Support	Up to 4K2K 4:4:4 @ 30Hz
Audio Support	Up to 12 Channels
Video Stream Bandwidth	10Mbps – 800Mbps (4K30 4:4:4)
USB Bandwidth	200Mbps (Camera/HID/Mass Storage Devices)
RS-232	Up to 115k Baud (3.5mm TRS)
IR	Bi-Directional (3.5mm TRS)
USB Connector	1 USB 2.0 Type C (Host) 2 USB 2.0 Type A (Devices)
Options	Dante® 2Ch/8Ch
Interface	IR or Keyboard via OSD, Web Server
Mechanical	
Housing	Black Aluminum Enclosure
Dimensions (L x W x H)	177.04 x 150.7 x 26.42mm [6.97" x 5.93" x 1.04"]
Weight	13.8oz [390g]
Mounting	Optional: Rack Mount Vertical, Rack Mount Horizontal, Under Table Mount
Power Supply	48v DC (2 Pin Euro) or PoE (LAN)
Power Consumption	6 Watts, up to 12.9 Watts with USB
Operation Temperature	0~40° C [32~104° F]
Storage Temperature	-20~60° C [-4~140° F]
Relative Humidity	20~90% RH [No Condensation]
Package Contents	1x VPX-TC1-LT, 2x Mounting Ears

Note: Specifications subject to change without notice.