

Aurora Multimedia IPX-TC2-F 4x4x4 HDMI 4K60 over Fiber IP Transceiver

This listing is for IPX-TC2-F Transceiver (Fiber Version) only. Use description below as a general reference.

The **IPX-TC2** provides one of the most advanced IP Streaming solutions on the market utilizing Aurora's IPBaseT® technology, which synergizes various IP/AV standards to work together as one. IPX-TC2 supports windowing/multiviewer (up to 16), scaling and 16×15 videowall along with HDMI 2.0 4K60 4:4:4. It is the industry's first 4K2K transceiver with zero compression and latency based on BlueRiver NT™ platform. Using a transmitter (encoder) and receiver (decoder), respectively, used to be the standard - until now. The IPX-TC2 can be set up as either one to make installation, inventory, and troubleshooting easier. Another industry first is the option slot to add other IP capabilities, like ExtremeUSB® (USB 2.0 over IP) or Dante® audio, for a more complete, distributed system.

Audio, video, data, and control can be sent securely to one or many units using off-the-shelf 10G Ethernet switches. When the IPX-TC2 is set up to be a transmitter, the 2 HDMI inputs become a source switch and the HDMI output becomes a potential loop out. When set up as a receiver, a user can select the local HDMI inputs or an IP source. Seamless switching of the sources further enhances the presentation. Regardless of how the IPX-TC2 is set up, the audio can be de-embedded at any location, break away, and/or be sent to or received from a Dante® enabled device. The USB 2.0 option is also flexible, working as a KVM and/or a high-speed data transfer (480Mbps) for memory sticks. Each IPX-TC2 USB feature can also be set as a host or a device. To keep the system friendly, a customizable OSD and web server are available to be programmed as required. For RJ-45 LAN devices, the 1G Ethernet port allows full bandwidth end-to-end over the IPX-TC2 10G fiber or copper port. Control of the IPX system.

IPX control is available via our IPX Manager Windows® software, or the QXP-2-IPX.

Choice is important. That's why the IPX-TC2 has an SFP+ port that can use single or multi-mode fiber - making the unit the ultimate AV IP product on the market today.

Note: The selected network switch needs to support: 10Gbps, Non-blocking IGMP.

*Patent Pending

Power Supply NOT included, please order separately.

Features:

- 4K 60Hz 4:4:4 visually lossless compression and zero frame latency
- 4K 30Hz 4:4:4 and below - zero compression and zero frame latency
- Available for 10 Gbps fiber MMF/SMF or 10Gbps copper networks
- Windowing/Multiviewer (up to 16)
- 4K Scaler
- Seamless and breakaway switching (any resolution to any resolution)
- Videowall processing (up to 16x16)
- Stereo line in/out
- RS-232 and IR control ports
- Dante® IP audio option
- ExtremeUSB® (USB 2.0 480Mbps) option