

Aurora Multimedia IPX-TC3-DF-Pro 4K HDMI 10Gbps AV-over-IP Transceiver Box with advanced scaling (Dual fiber version)

This listing is for IPX-TC3-DF-Pro only. Use description below as a general reference.

The IPX-TC3-Pro provides one of the most advanced IP Streaming solutions on the market utilizing Aurora's IPBaseTTM technology, which synergizes various IP/AV standards to work together as one. It is the industry's first 4K2K transceiver with zero compression and latency based on BlueRiver NTTM platform. Using a transmitter (encoder) and receiver (decoder), respectively, used to be the standard – until now. The IPX-TC3-Pro 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), ReAX™ IP control option 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 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 sources further enhances the presentation. Regardless of how the IPX is set up, the audio can be de-embedded at any locations, 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 USB feature can also be set as a host or a device. To keep the system friendly, a customizable OSB 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 10G fiber or copper port.

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

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

Power Supply **NOT** included, please order separately.

Features:

- 4K 60Hz 4:4:4 lossless compression and zero frame latency
- HDR High Dynamic Range
- 4K 30Hz 4:4:4 and below – zero compression and zero frame latency
- Available for 10Gbps fiber MMF/SMF or 10Gbps copper networks
- Windowing/Multiviewer, supports up to 32
- 4K scaling with only 3ms Latency
- Seamless and breakaway switching (any resolution to any resolution)
- Videowall processing up to 16x16
- Stereo line I/O
- RS-232 and IR Control Ports
- Dante™ IP Audio option
- ExtremeUSB® (USB 2.0 480Mbps) option
- ReAX™ IP Control option
- Dual OSD (On Screen Display) Engine
- Secure Content Encryption