

Uncompressed 4K60 4:4:4 HDBaseT® 3.0 Transceiver Box Solution



Aurora Multimedia redefines HDBaseT with many new capabilities including the ability for uncompressed 4K60 4:4:4 as a transceiver. Aurora has eliminated the need for RX & TX as the unit can be set to the direction required. This will end stock disproportions, make servicing easier, and add new capabilities as in seconds the units can reverse direction. The new **HT Pro Series** even has Dante® option for 2 or 8 channels. We even went a step further by implementing ARC (Audio Return Channel) and allowing it to be fed to Dante or to the local line output making it a first.


Features:

- **4K60 4:4:4 18Gbps Uncompressed**
- **HDR (high Dynamic Range)**
- **Transceiver (Transmitter or Receiver)**
- **100m (330ft) with Unshielded Cable**
- **Four HDMI® 2.0/HDCP 2.2 Inputs**
- **One HDMI® 2.0/HDCP 2.2 Output**
- **Audio DSP**
- **Dante™/AES67 Options 2 or 8 Channel**
- **ARC Audio Return Channel and ARC into Dante/AES67 Industry First!**
- **Audio Fiber Output**
- **Operate & Power both TX & RX from a single PoE+ Switch Port**
- **Auto Switching**
- **1G Local LAN Port and 1G over the HDBaseT Connection**
- **USB 2.0 Device/Host 480Mbps with Selectable Direction**
- **IP Port Expansion Control, RS-232 & IR Control**
- **ReAX Control Option**

The HT Pro Series can transmit uncompressed 4K60 4:4:4 18Gbps HDMI 2.0/HDCP2.2 100m (330ft) over a single unshielded CAT cable with no quality compromise and with zero frame latency. In addition, the HT-TC1-PRO has an integrated web server for remote IP control, 480Mbps USB 2.0 with directional control, and 1Gbps LAN.

Aurora is also the first ever to implement a bi-directional Patent Pending PoH for remote powering. Currently all HDBaseT products on the market which use the PoH standard are limited to one direction. The HT Pro Series allows a user to choose which side to power from and in a nonproprietary way so it will work with any HDBaseT PoH compliant device. To further simplify the installation, the HT Pro Series can power both connected units from a single port of a PoE Switch eliminating external power supplies. This with the integrated IP port expander allows the HT-TC1-PRO to be the most powerful and easiest HDBaseT product to install on the market.

Technical Specifications

Model Name	HT-TC1 Pro
Technical	
Compression	None
Latency	0 Frames
HDMI Inputs	4 (HDMI 2.0b, HDCP 2.2)
HDMI Outputs	1 (HDMI 2.0b, HDCP 2.2)
Audio Analog	Stereo Line In/Out
Audio Digital	Fiber Output
1G Ethernet	RJ-45 and SFP
LAN	RJ-45 10/100/1000M PoE
Video Bandwidth	600MHz
Video Support	Up to 4K2K 4:4:4 @ 60Hz
RS-232	Up to 115k Baud (3.5mm TRS)
IR	Bi-Directional (3.5mm TRS)
USB Connector	1 USB 2.0 Type C 2 USB 2.0 Type A
Expansion Port	Dante® 2Ch/8Ch and ReAX™
Interface	IR, Front Buttons, Web Server
Mechanical	
Housing	Black Aluminum Enclosure
Dimensions (L x W x H)	177.04 x 104.14 x 26.42mm [6.97" x 4.10" x 1.04"]
Weight	.453kg [1lbs]
Mounting 	Optional: Rack Mount Vertical, Rack Mount Horizontal, Under Table Mount
Power Supply	48v DC (2 Pin Euro) or PoE+ (LAN)
Power Consumption	8 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 HT-TC1-PRO, 2x Mounting Ears

Note: Specifications subject to change without notice.