PUV-3090TX-UEA – HDBaseT3 Full 4K HDMI Transmitter with USB, LAN, PoH, Audio Pathway & HDMI bypass

The PUV-3090TX-UEA Transmitter is part of a new generation of HDBaseT 3.0 technology and supports up to 4K UHD+ (18Gbps, 4K@60Hz 4:4:4, 8-bit) video input and output over both HDMI and HDBaseT.

It is a great solution for extending uncompressed HDMI 2.0 4K@60 (4:4:4, 8-bit) video and HD audio as well as Ethernet (LAN serving) and control via a single run of Cat.6a/7 cable over distances of up to 100 meters. Multiple control and data signals may also be transmitted along with the audio and video, including IR, RS-232, USB 2.0, and 1000BaseT Ethernet.

USB connectivity allows extension of USB signals, ideal for uses such as KVM (keyboard and mouse).

For added flexibility, this Transmitter supports Selectable HDMI audio extraction/analogue audio bypass functionality and a local HDMI output for monitoring.

This product is ideal for any scenario which needs uncompressed video and audio over distance, such as medical equipment, conference rooms, education, residential, and more.

Compatible Receiver required:

- Supports up to 4K UHD+ (18Gbps, 4K@60Hz 4:4:4, 8-bit) video input and output over both HDMI and HDBaseT
- HDMI input and output with 3D & 4K video support (18Gbps)
- HDMI output (Functions as local monitor output)

- HDBaseT 3.0 compatible, Backward compatibility with HDBaseT 2.0/1.0 product
- Supports HDBaseT features: HD video and audio, individual 1000BaseT and 100BaseT Ethernet ports, POH and control (bi-directional IR/RS-232/ USB pass-through)
- Supports analogue audio and optical audio pass-through.
- Multiple USB hosts may be connected at once (up to 2 total, between the TX and a compatible RX unit) with a single selected host active at a time
- Supports providing PoH power from transmitter to receiver in same HDBaseT port.

Inputs	1x HDMI [1x HDMI Uncompressed AV and Data] 1x RJ45 [1x LAN Serving] 1x Phoenix (3 pin) [1x Analogue Stereo (L/R) Audio Input] 2x USB Type A [2x USB Pathway Propriety Data] 1x USB Micro [1x Service Port Propriety Data]
Outputs	1x HDMI [1x Local HDMI output Uncompressed AV and Data] 1x RJ45 [1x HDBaseT 3 HDMI & Propriety Data] 1x Phoenix (3 pin) [1x Analogue Stereo (L/R) Audio Output]
PSU	24V/2.7A
Dimensions	128mm [W] x 112mm [D] x 25mm [H]
Net Weight	400g
Gross Weight	1100g