



PUV-1660TTX

HDBaseT1 Multi-format Switching Table-top Transmitter for the Reverse Power PUV-1600 Series



The PUV-1660TTX is a brand new AV concept for the Commercial & Corporate channel. Presentation equipment in corporate meeting rooms can often be difficult to operate and can provide the user with challenges when connecting their source to the installed AV system. Flexible meeting rooms are also becoming more commonplace, which is where the PUV-1660TTX provides the perfect balance between ease of use and portability.

The PUV-1660TTX Transmitter is a 1 x HDMI, 1 x USB-C and 1 x Mini DP (display port) switch which allows uncompressed signals to be transmitted over a Single CAT5e/6/7 cable. This solution has the added features of analogue audio em-bedding and a LAN connection over the same CAT5e/6/7 cable. These combined AV and control signals can be transmitted up to lengths of 100 metres to a compatible PUV-1600 Series Receiver. When a device is connected to the PUV-1660TTX, simple AV control automation can be applied to 'power up' the connected display and select the correct HDMI input channel (programmed via the Web GUI).

This unit also supports automatic input detection between inputs using hot plug detection, offering the user 'hands free' control of the device. Despite the 10.2Gbps bandwidth limitation of HDBaseT this clever transmitter will automatically convert signals of higher bandwidths ensuring any HDMI 4KUHD signal can be passed through the HDBaseT system. The unit also features push button control on the front of the panel. For added flexibility, the unit is powered by PoH supplied by a compatible PUV-1600 series receiver.

PANELS

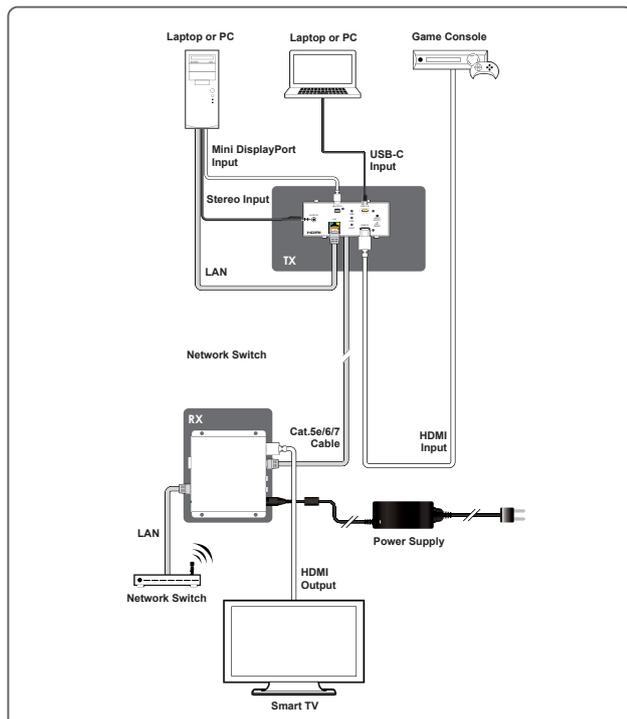


Front View



Rear View

DIAGRAM



FEATURES

- Supplied complete with tabletop unit, and C Clamp for table-top fixing
- HDBaseT: High-Definition video and audio, 100BaseT Ethernet, PoH (Power over HDBaseT)
- HDMI 2.0 and DVI 1.0 compatible
- HDCP 2.2 Compliant
- HDMI, USB-C and Mini DP inputs
- Automatic conversion of 4K signals above HDBaseT bandwidth
- PoH (Power over HDBaseT) Support
- Auto Switching
- Simple automation control functions
- Front panel push button control
- Front panel LEDs to indicate input selection, link status and power

SPECIFICATIONS

Interfaces

Input Port	1 HDMI (Type-A) 1 DisplayPort (mDP) 1 USB (Type-C) 1 Stereo Audio (3.5mm)
Output Port	1 HDBaseT (RJ-45)
Control I/O	1 LAN (RJ-45)

Video

HDMI Compliance	HDMI 2.0
HDCP Compliance	2.X
Input Signal Types	4096 x 2160p@60 8bit YUV 4:4:4
Output Signal Types	4096 x 2160p@60 8bit YUV 4:2:0

Resolutions

Maximum Input	HDMI	4096x2160p@60
	Mini-DP	4096x2160p@60
	USB (Type-C)	4096x2160p@60
Maximum Output	Cat5e/6/7	4096x2160p@60

Audio

HDMI	LPCM (8 Channels), Bitstream, High Bit Rate Bitstream
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Power

Power Consumption	13.97W
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Enclosure

Chassis Material	Metal (Aluminum) & Plastic
Chassis Colour	Black/Silver
Dimensions (W×H×D)	125mm× 55mm× 37mm [Case Only]
	170mm× 77mm× 75mm [All Inclusive]
Weight	400g

Field Firmware Update

PC Update, WebGUI

ORDERING INFORMATION

Model No.	Product Description
PUV-1660TTX	HDBaseT1 Multi-format Switching Table-top Transmitter for the Reverse Power PUV-1600 Series
PUV-1610RX	Standard HDBaseT1 Receiver for the Reverse Power PUV-1600 Series

