Multi Format EU Wall Plate HDBaseT Transmitter

PT-HDBT-701-TXWP is a fully HDBaseT compliant multiformat transmitter built in to an EU wall plate and is designed specifically to meet the needs of a small meeting room, executive hotel room or teaching podium. It is able to transmit Full HD up to 70m and 4K/UHD up to 40m with embedded multi-channel audio, and control signals. The input side boasts HDMI passthrough up to 4K and WUXGA support on VGA with either manual or auto switching. This elegant wall plate can fit securely into walls or even furniture, providing a simple yet intuitive control and connection to your source devices.

MULTIFORMAT INPUT
Supporting both VGA (+audio) and HDMI inputs, the PT-HDBT-701-TXWP will scale the VGA output up to WUXGA and 4K@60 (4:2:0) pass through, making this a versatile and powerful transmitter / switcher scaler.

HDBT TRANSMISSION
With HDBaseT transmission up to 40m range at 4K (70m at 1080p), and two way PoH, the PT-HDBT-701-TXWP is a professional HDBaseT transmitter for use with all HDBaseT rated equipment.

SMART SIGNAL MANAGEMENT
With smart EDID management, IR and RS232 pass through, the PT-HDBT-701-TXWP is perfectly equipped to handle all your data without difficulties. Simply plug in and present.
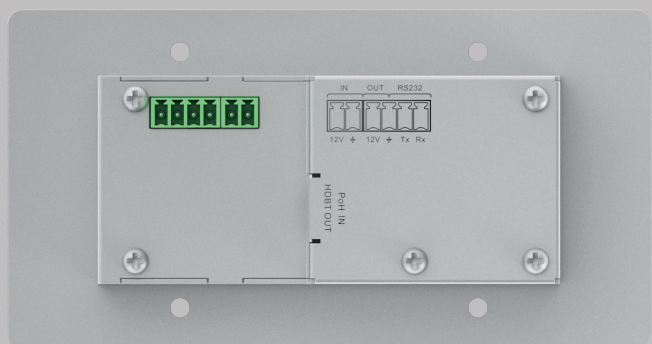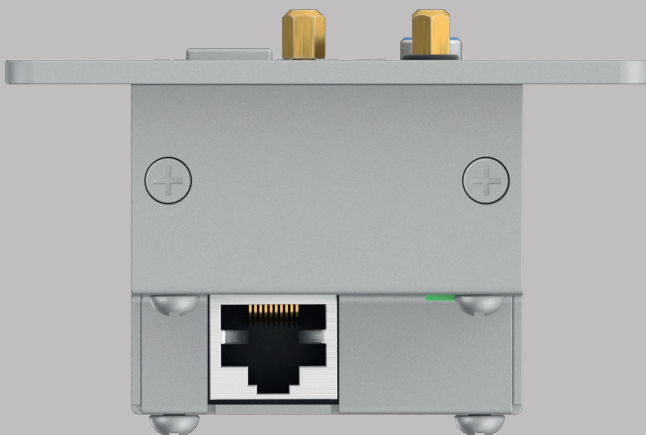
POWER LOOP OUT
A unique feature of the PT-HDBT-701-TXWP is that it can power other devices too. The rear panel gives access to a 2 pin Phoenix with 12V output, providing 3rd party peripherals with power while freeing up a valuable power socket.

COMPACT SIZE
All of this technology is packed into an ultra slim light weight enclosure, for installation almost anywhere.

VIDEO

Input	1 x HDMI; 1 x VGA
Output	1 x HDBaseT (RJ45)
HDMI Standard	Support HDMI1.4a and HDCP 2.2
Bandwidth	10.2Gbps
Video Resolution	VGA - up to 1920 x 1080@60Hz; HDMI - up to 4K/UHD@ 60Hz 4:2:0
Transmission Mode	HDBaseT

AUDIO

Input	1 x Stereo In (3.5mm Jack)
Audio Impedance	>10Ω
Frequency Response	20Hz~20KHz
SNR	>85db@20Hz~20KHz

CONTROL PARTS

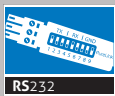|	
Control Ports	1 x RS232 + 12V Power In (4 pin Phoenix); 1 x 12V Power Out (2 pin Phoenix); 1 x FW Port (USB Micro)
Button Control	Front Panel: 1 x Push Button

GENERAL

Transmission Distance	1080p ≤ 70M; 4K ≤ 40M
Operation Temperature	-10°C ~ +40°C
Storage Temperature	-15°C ~ +55°C
Relative Humidity	10% ~ 90%
Power Supply	12VDC 2A (4 pin Phoenix 3.81mm Pitch)
Max Consumption	9.6W
Dimension (W*H*D)	151mm x 80mm x 44mm
Net Weight	258g

OPTIONAL ACCESSORIES

IR	PT-IRR-HDBT	IR Receiver for HDBaseT Extenders
RS232	PTM-RS100	Universal RS232 Cable with Adjustable Pin Settings

DETAILED TECHNICAL SPECIFICATION

CONNECTION DIAGRAM

Legend:
- Audio
- Video
- Control
- Power

HDMI →
VGA + Audio (3.5mm Jack) →
RS232 (3 pin Phoenix) →
Power (2 pin Phoenix) →

→ HDBaseT (RJ45)
→ IR Out
→ Power (2 pin Phoenix)