



# PUV-1510-KIT

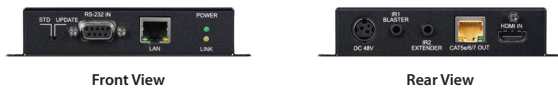
## HDBaseT1 Transmitter & Receiver Kit with LAN & PoH



The PUV-1510-KIT Transmitter and Receiver KIT enables transmission of video resolutions up to 4K UHD, along with HD audio, 2-Way IR, RS-232, PoH (Power over HDBaseT), and LAN signals up to 100m. This solution provides advanced signal management ensuring reliable results in the most demanding installation environments. All audio, video, control, and power are transmitted simultaneously over a single CAT6a/7 cable up to 100m.

### PANELS

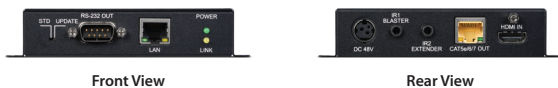
#### TX



Front View

Rear View

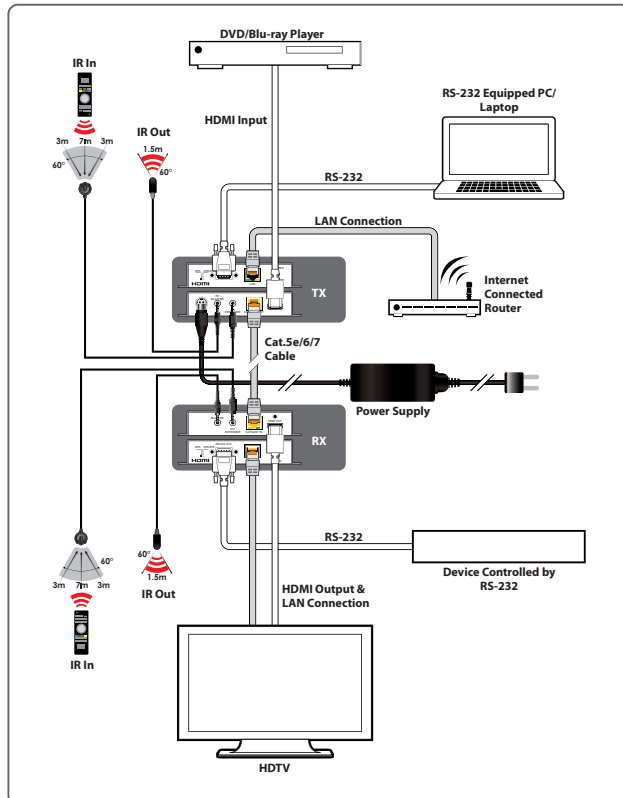
#### RX



Front View

Rear View

### DIAGRAM



### FEATURES

- HDCP2.2 Compliant
- Supports uncompressed video/audio up to 10.2Gbps
- Supports HDCP repeating and CEC functions
- Supports resolutions VGA~WUXGA, 480i~1080p, 4K UHD@24/25/30Hz (RGB 4:4:4 & YUV 4:2:2), 4K UHD@60Hz (YUV 4:2:0), 4K/2K@24/25/30Hz (RGB 4:4:4 & YUV 4:2:2) and 4K/2K@60Hz (YUV 4:2:0) dependent upon the output display's EDID settings
- 4K/2K & 4K UHD signals can be transmitted up to 70m via CAT5e/6 and 100m via CAT6a/7
- 1080p signals can be transmitted up to 100m via CAT5e/6/6a/7
- Audio support up to 7.1CH & Dolby TrueHD, DTS-HD
- 5-Play™ convergence: HDMI, LAN, PoH & Control (IR & RS232)
- Supports 3D signals

### SPECIFICATIONS

#### TX

##### Interfaces

Input Port	1 x HDMI (Type-A) 1 x IR Extender (3.5mm) 1 x RS-232 (DE-9) 1 x LAN (RJ-45)
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Output Port	1 x CAT5e/6/7 (RJ-45) 1 x IR Blaster (3.5mm)
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#### RX

##### Interfaces

Input Port	1 x CAT5e/6/7 (RJ-45)
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Output Port	1 x HDMI (Type-A)
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Pass-through Port	1 x IR Extender (3.5mm) 1 x IR Blaster (3.5mm) 1 x RS-232 (3.5mm)
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#### Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)
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HDCP Compliance	HDCP 2.x
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Input Signal Type	4K@60 YUV 4:2:0
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Output Signal Type	4K@60 YUV 4:2:0
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#### Resolutions

Maximum Input	HDMI	4096x2160p@60 YUV 4:2:0
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Maximum Output	HDBaseT6/7	4096x2160p@60 YUV 4:2:0
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#### USB

USB Performance	480Mbps
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#### Audio

HDMI	LPCM 8 channel Bitstream High-Definition Bitstream
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#### Power

Power Supply	48V/0.83A DC (US/EU Standards, CE/FCC/UL certified)
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Power Consumption	13.5w
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#### Enclosure

Chassis Material	Metal
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Chassis Colour	Black
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Dimensions (W×H×D)	TX	108mm x 25mm x 108mm [Case Only]
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	RX	108mm x 29mm x 116mm [All Inclusive]
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	RX	108mm x 108mm x 25mm [Case Only]
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	RX	108mm x 116mm x 29mm [All Inclusive]
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Weight	370g (Tx) 366g (Rx)
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#### Field Firmware Update

PC Update, WebGUI

### ORDERING INFORMATION

Model No.	Product Description
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PU-USB2-KIT	USB 2.0 Over CAT Transmitter Receiver Kit
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