

• **PUV-1550S-RX:** 100m HDBaseT Receiver & 4K Scaler 4K, HDCP2.2, PoH, LAN, OAR

Supporting video resolutions up to 4K UHD the **PUV-1550S-RX Receiver** is no ordinary scaler also supporting 2-Way IR, RS-232, PoH (Power over HDBaseT), LAN, HD audio and Optical Audio Return (OAR) over a single Cat5e/6/7 cable up to 100m.

Even though the **HDBaseT** input is limited to **4K@60Hz (4:2:0)**, this unit can nonetheless automatically convert or scale an input to display **4K@60Hz (4:4:4)** depending on the detected capability of the connected display device.

In addition the unit can downscale 4K UHD content to 1080p for operation with older displays. The **PUV-1550S-RX** also includes a 6G UHD HDMI Pattern Generator for testing locally connected displays.

Digital Optical Audio Return (OAR) provides users the ability to transmit Optical Audio (48kHz) to the HDBaseT transmitter. The receiver also features an analogue audio output providing users with audio flexibility. The **PUV-1550S-RX** also boasts an onboard **EDID Management** for troubleshooting purposes.

Features:

- HDBaseT 5Play convergence: High-Definition video and audio, 100BaseT Ethernet, PoH (Power over HDBaseT) and control (Bi-directional IR/RS-232 pass-through)
- 4K@60Hz (YUV 4:2:0) signals can be transmitted up to 100m via Cat.6a/7 cable and up to 70m via Cat.5e/6 cable HDCP 2.2, HDMI 2.0 and DVI compatible
- Bypasses signal on both HDMI outputs or output B can upscale 1080p signals to 4K and output A can downscale a 4K signal to 1080p (same framerate is maintained)
- Supports automatic 4K@60Hz YUV 4:2:0 to RGB/YUV 4:4:4 conversion for HDMI outputs
- Support signal bypass on HDMI output
- Supports data rates up to 18Gbps (6G) and Deep Color up to 48-bit
- Supports 4K resolutions including: 3840x2160@24/25/30Hz, 4096x2160@24/25/30Hz, 3840x2160@50/60Hz (4:4:4) & 4096x2160@50/60Hz (4:4:4)
- Supports pass-through of HD audio formats: LPCM 2/5.1/7.1CH, Dolby Digital 2/5.1CH, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos and DTS-HD Master Audio
- Supports OAR (Optical Audio Return) and DAC (Digital to Analogue Conversion) audio balance conversion
- Support optical sampling rates up to 48kHz
- Internal 4K UHD Test Pattern Generator for on-site local display testing and integrated EDID management
- OSD with instant I/O resolution display



Specifications:

Model: PUV-1550S-RX	
Inputs	1x RJ45 [1x HDBaseT HDMI & Proprietary Data]
-	1x 3.5mm Stereo mini-jack [1x Infra Red Receiver]
-	1x Toslink [1x OAR - Optical Audio Return 2 Channel LPCM]
-	1x Toslink [1x OAR - Optical Audio Return 2 Channel LPCM]
Outputs	1x 3.5mm Stereo mini-jack [1x Infra Red Emitter]
-	1x Phoenix (5 pin) [1x Analogue Audio Analogue Stereo (Balanced or Unbalanced)]
-	1x RJ45 [1x LAN Serving]
PoE power	PoH
Power supply	5v / 2.6A
Dimensions	117(W) x 231(D) x 25(H) mm
Weight (Net)	0.61kg
Weight (Gross)	1.07kg