

HDBaseT™ LITE Slimline Transmitter (60m)

4K, HDCP2.2, HDMI2.0, PoH, OAR

PUV-1230PL-TX



4K 3D HDMI2.0 HDBT HDCP2.2 PoH OAR

The PUV-1230PL-TX Transmitter enables transmission of video resolutions up to 4K UHD, along with HD audio, 2-Way IR, RS-232, PoH (Power over HDBaseT), and OAR (Optical Audio Return) up to 60m.

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 60m.

SPECIFICATIONS

- Input:**
- 1x HDMI Uncompressed AV and Data (1x HDMI)
 - 1x Analogue Stereo (L/R) Audio Input (1x Phoenix (3 pin))
 - 1x Infra Red Receiver (1x 3.5mm Stereo mini-jack)
 - 1x RS-232 (1x Phoenix (3 pin))
 - 1x Service Port Propriety Data (1x USB Mini B)
- Output:**
- 1x HDBaseT HDMI & Propriety Data (1x RJ45)
 - 1x Analogue Stereo (L/R) Audio Output (1x Phoenix (3 pin))
 - 1x Optical DTS / Dolby Digital / 2 Channel LPCM (1x Toslink)
 - 1x Infra Red Emitter (1x 3.5mm Stereo mini-jack)
- Power:** 48V/0.83A DC (US/EU standards, CE/FCC/UL certified)
- Dimensions:** 80mm (W) x 165mm (D) x 20mm (H)
- Gross Weight:** 950g
- Net. Weight:** 335g

FEATURES

- HDCP2.2 Compliant
- High-Definition video and audio, PoH (Power over HDBaseT) and control (Bi-Directional IR & RS-232 pass through)
- Supported 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 35m via CAT5e/6 and 60m via CAT6a/7
- 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
- Optical Audio Return (OAR)
- Supports HDCP repeating and CEC functions
- Supports 3D signals
- Compatible with PUV-1230PL-RX Receiver

