PU-8H8HBTPL-4K22 New Product

8 x 8 HDMI HDBaseT™ LITE Matrix (w. PoC, 4K resolution support, & HDCP2.2)

3D READY **4K SUPPORT**

HDCP 2.2   **HDBT**   **HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE

The 4K2K 8 by 8 HDMI Matrix over CAT5e/6/7 supports the transmission of video (resolutions up to 4K2K Full HD, HDCP 2.2), multi-channel digital audio from 8 HDMI sources to 8 outputs over a single CAT5e/6/7 cable for each output. It supports high resolution digital audio formats such as LPCM 7.1CH,Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio as well as 3D content that can be displayed when connecting a 3D TV and 3D source.

This matrix features control via manual selection buttons, IR, RS-232, Telnet or Web GUI. CYP provide control drivers for all the major control systems. This unit also supports UART RS232 pass-through to the receivers.

The PU-8H8HBTPL-4K22 is designed to be used with PU-515PL-RX

FEATURES

- HDCP 2.2 Compliant
- 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
- Supports uncompressed video/audio up to 10.2Gbps
- Supports LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission
- Supports 1080p distances up to 60 meters via CAT6a/7 cables
- Supports 4K UHD distances up to 40 meters via CAT6a/7 cables
- Supports 3D signal display dependent upon the output display EDID settings

- Supports PoC (Power over Cable) on compatible receivers only
- Supports HDMI input up to 15 meters at 8-bit resolution or 10 meters at 12-bit resolution
- Supports bi-directional IR from input and output locations
- Supports RS-232, remote control, on-panel control and IP Control (Telnet & Web GUI)
- 2U Size Design
- Supports external and internal EDID settings
- Supports RS-232 for Matrix Control, plus RS-232 pass-through: Third-party devices can be controlled in each zone via RS-232 from the head-end to the receiver, or head-end devices can be controlled via RS-232 from any receiver in any zone

SPECIFICATIONS

Input:	8x HDMI (8x HDMI Uncompressed AV and Data), 9x 3.5mm Stereo mini-jack (9x Infra Red Receiver), 1x RJ45 (1x LAN Serving / IP Control), 1x 9pin Dsub (1x RS-232 Data), 1x USB Mini B (1x Service Port Propriety Data)
Output:	8x RJ45 (8x HDBaseT HDMI & Propriety Data), 9x 3.5mm Stereo mini-jack (9x Infra Red Emitter)
Compatible Receivers:	PU-507TX, PU-1109RX, PU-507WPRX
Power:	24V/6.25A DC (US/EU standards, CE/FCC/UL certified)
PoC Power:	24V/6.25A DC (US/EU standards, CE/FCC/UL certified)
Dimensions:	438mm (W) x 249mm (D) x 88mm (H)
Gross Weight:	5700g Net. Weight: 4370g
Packaging:	Boxed

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