



CAT-Linx 2 Wall Plate Transmitter

Extends 4K UltraHD (60Hz) and HD signals

The CAT-Linx™ 2 TX Wall Plate Transmitter extends 4K UltraHD (60Hz) and HD signals over long distances using conventional CAT 5e/6 cable. Paired with CAT-Linx 2 RX Receivers, the Wall Plate Transmitter can extend HD signal transmission up to 100 meters or 4K UltraHD signals up to 70 meters. CAT-Linx 2 Wall Plate TX and Receive (RX) endpoints can be used with all RGB Spectrum wall processors, multiviewers, and switchers.

A CAT-Linx 2 pair needs only one power supply to power both devices. For optimal installation ease and convenience, the CAT-Linx 2 TX Wall Plate Transmitter offers integrated Power-over-HDBaseT (PoH) supplied by a CAT-Linx 2 RX receiver over the same CAT5e/6 cable that carries video and data signals. This eliminates the need for additional external power connections.

The CAT-Linx 2 TX Wall Plate Transmitter provides both HDMI and VGA input with automatic input recognition and switching. Audio support includes embedded HDMI audio and analog stereo (with VGA input only). The extenders offer many additional advanced features, including HDCP 2.2 compatibility, Dolby and DTS HD audio support, serial and IR control. For example, you can control a source from the display's location or control the display from source's location via the IR pass-through function bidirectional RS-232 signal transmission.

CAT-Linx 2 HDBaseT extenders are a high performance, feature-rich, and cost effective solution for 4K UHD and HD signal distribution.



Features

4K UHD/60Hz capable

HDCP 2.2

HDMI & VGA Input

Power-over-HDBaseT (PoH), powered by CAT-Linx 2 RX Receiver

Serial and IR control of display devices, projectors, and more

4K/60Hz output up to 100m, 1080P up to 140m over Cat6a/7 cable

4K/60Hz output up to 70m, 1080P up to 100m over Cat5e/6 cable

Embedded HDMI audio and VGA analog audio switching input





Specifications

Video

Input Signal Type	HDMI 1.4 with HDCP 2.2, VGA
Maximum Signal Resolution	HDMI: 3840x2160@60Hz VGA: 1920x1200@60Hz
Input Video Level	0.5~1.0Vp-p
Maximum Pixel Clock Rate	297 MHz
Transport Signal Type	HDBT
Video Impedance	100 ohms

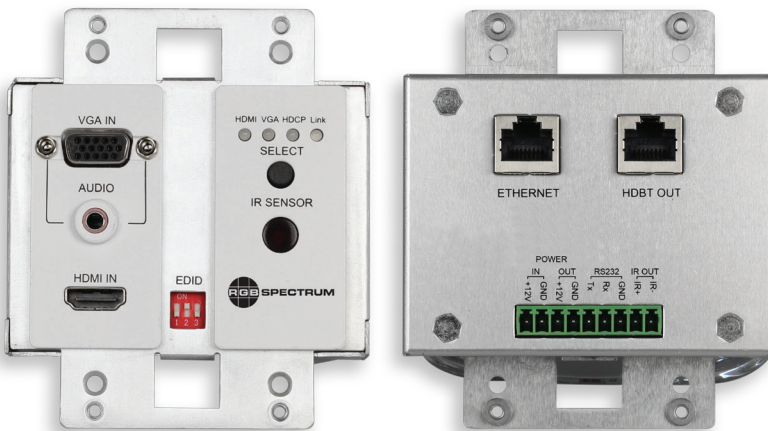
Audio

Analog Audio Input	1 x 3.5mm mini jack, stereo audio binding with VGA input
Audio Formats	HDMI: Stereo, LPCM 5.1, LPCM 7.1; Dolby True HD, DTS-HD Master Audio VGA: Stereo

General

Operating Temperature	0 to 45 °C (32 to 113 °F)
Storage Temperature	-20 to 70 °C (-4 to 158 °F)
Humidity	10% to 90%, non-condensing
Power Supply	DC 12V / PoH
Power Consumption	3.36W
Device Dimension (WxDxH)	4.16" x 1.16" x 3.58"; 105.6mm x 29.4mm x 91mm
Product Weight	0.5 lbs / 0.22kg

Specifications subject to change.



Front View

Back View



RGB SPECTRUM®

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