



Features

4K UltraHD (60Hz) signals over conventional CAT 5e/6 cable

Signal transmission up to 100 meters for HD signals, up to 70 meters for 4K Ultra HD signals

HDCP 2.2 compliant

Integrated Power-over-HDBaseT (PoH)

CAT-Linx 2

4K Ultra HD HDBaseT Extenders

CAT-Linx™ 2 extenders transmit signals up to 4K Ultra HD at 60Hz using conventional CAT 5e/6 cable. CAT-Linx 2 units can transmit HD signals up to 100 meters and 4K Ultra HD signals up to 70 meters. Transmit (TX) and Receive (RX) endpoints are compatible with all RGB Spectrum wall processors, multiviewers, and switchers.

Powered Endpoints

For installation ease and convenience, CAT-Linx 2 extenders have integrated power (PoH) to supply endpoints over the same CAT5e/6 cable that carries the video and data signals. This eliminates the need for external power connections. A CAT-Linx 2 pair needs only one power supply connected to either the transmitter or the receiver end to power both devices. Compact, space-saving size allows attaching receivers directly to the back of displays.

High Performance and Feature Packed

CAT-Linx 2 extenders offer a bevy of advanced features, including HDCP 2.2, Dolby and DTS HD audio support, and serial and IR control of display devices.

The signal extenders provide a cost-effective way to control signal sources and displays. You can control a source from the display location or control the display from the signal source location via the CAT-Linx 2's IR pass-through function. Bidirectional RS-232 signal transmission between endpoints is also available for serial control of display devices.

CAT-Linx 2 extenders meet the specifications of the HDBaseT Alliance and are compatible with other HDBaseT-certified products.

A mounting rack which holds 12 RX or TX units is available.

CAT-Linx 2 HDBaseT extenders are a high performance, feature-rich, and cost effective solution for signal distribution, for both small-scale and large-scale installations.



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Available Models

Part Number	Description
CAT LINX2-TX	CAT-LINX 2 HDBaseT Transmitter
CAT LINX2-RX	CAT-LINX 2 HDBaseT Receiver

Specifications

CAT LINX2-TX/RX

Video

Input Signal Type	HDMI 1.4 with HDCP 2.2
Maximum Signal Resolution	4096x2160@60Hz, 3840x2160@60Hz
Input Video Level	0.5~1.0V V p-p
Maximum Pixel Clock Rate	297 MHz
Transport Signal Type	HDBT
Video Impedance	100 ohms
Transmission Distance	Cat 5e/6 cable: 3840x2160 to 70m; 1080P to 100m Cat 6a/7 cable: 3840x2160 to 100m; 1080P to 100m

Audio

Audio Formats	HDMI Embedded Audio: Stereo, LPCM 5.1, LPCM 7.1; Dolby True HD, DTS-HD Master Audio
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Control

Control Method	RS-232 Ethernet
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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	12V, 1.5A DC
Product Dimension	173 x 95 x18mm (WxDxH)
Safety	CE
EMI/EMC CE	FCC Class A
ESD Protection	Human-body Model: ±8kV(Air-gap discharge)/±4kV(Contact discharge)

Specifications subject to change.



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950 Marina Village Parkway Alameda, California 94501 (510) 814-7000 sales@rgb.com www.rgb.com

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