



## **CAT-Linx 2 Plus Signal Extenders**

### **4K Endpoints with Integrated KVM Control**

*CAT-Linx™ 2 Plus* extenders transmit high-resolution signals up to 100 meters (330 feet) using conventional CAT 6/7 cable. *CAT-Linx 2 Plus* also provides transparent USB extension for KVM control of remote devices. This state-of-the-art technology delivers visually lossless compression when transmitting a 4K 60Hz 4:4:4 signal.

For installation ease and convenience, *CAT-Linx 2 Plus* extenders have integrated power to supply endpoints over the same CATx 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 the transmitter to power both devices.

*CAT-Linx 2 Plus* extenders support HDCP 2.2, HDR, and multi-channel audio. In addition to built-in KVM control of remote devices, the signal extenders can control display devices using IR pass-through and bidirectional RS-232 signal transmission.

In summary, *CAT-Linx 2 Plus* extenders are a high-performance, feature-rich, and cost-effective solution for 4K 60Hz signal distribution with integrated KVM control of remote devices.

### **CAT-Linx 2 Plus Features**

- Signals up to 4K 60Hz, 4:4:4 chroma and HDR 10, at data rates up to 18Gbps
- 4K 60Hz signal transmission up to 100 meters (330 feet) with CAT 6/7 cable
- HDCP 2.2 compliant
- Embedded multi-channel audio and audio pass through over CATx
- IR and serial control of displays and other AV devices
- Power-over-CATx
- Automatic EDID management
- Convenient mounting rack for 8 RX or TX units available

[Learn more at rgb.com/cat-linx-2-plus](http://rgb.com/cat-linx-2-plus)

## CAT-Linx 2 Plus TX/RX Specifications

### VIDEO

Input Signal Type	HDMI 2.0 with HDCP 2.2
Maximum Signal Resolution	4096x2160@60Hz, 3840x2160@60Hz
Color Space & Sampling	4096x2160 & 3840x2160@60Hz: 4:4:4, 4096x2160 & 3840x2160@30Hz: 4:4:4, 2K & HD @60Hz: 4:4:4
Input Video Level	0.5~1.0V p-p
Maximum Pixel Clock Rate	600 MHz
Transport Signal Type	CAT 5e/6/6a/7
Video Impedance	100 ohms
Transmission Distance	Cat 5e cable: 3840x2160 to 90m; 1080P to 100m Cat 6/6a/7 cable: 3840x2160 to 100m; 1080P to 150m

### AUDIO

Audio Formats	HDMI Embedded Audio, Analog Stereo
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### CONTROL

Control Method	Ethernet
External Device Control	Via IR (IR Emitter & Receivers included) & RS232

### USB

Connections: TX & RX	One USB Host and four USB Device ports for remote KVM control
USB Version	2.0

### GENERAL

Operating Temperature	+32 to +113 °F (0 to +45 °C)
Storage Temperature	-4 to +158 °F (-20 to +70 °C)
Humidity	10% to 90%, non-condensing
Power Supply	12V, 3A DC / Power-over-CATx
Dimensions (W x H x D)	9.6 x 3.55 x 1.0 inches (245 x 90.2 x 25 mm)
Weight	1.45 lbs / 0.66 kg
Safety	CE
EMI/EMC CE	FCC Class A

Specifications subject to change.

