

Serveredge HDBaseT HDMI Extender Kit (Tx/Rx) with (4) USB, Audio, Bi-directional Serial & IR - 100m

Product Code: SEDG-HDUEx-100HDBT

PRODUCT DESCRIPTION

The Serveredge SEDG-HDUEx-100HDBT is a HDBaseT™ transmitter/receiver kit that transmits uncompressed digital HDMI, IR, 4 X USB, Bi-directional Serial (RS232) and IR up to 100 metres over a single CAT5e/CAT6/CAT6A cable. Each video extender consists of a local unit that connects to an HDMI source and a remote unit that connects to an HDMI display. The kit transmits UHD (3840 X 2160) resolution up to 70m and Full HD (1920 X 1080) up to 100m distance. The receiver units have 4 X USB Type A ports for connecting multiple USB devices.

This Serveredge SEDG-HDUEx-100HDBT extender kit is HDCP compliant and only requires single power supply at either transmitter or receiver end. It features compact size for easy set up and install.



PRODUCT SPECIFICATION

Package Includes

- * 1 x Extender Transmitter Unit
- * 1 x Extender Receiver Unit
- * 2 x Power Adapter (Set / Pc)
- * 1 x User's Manual
- * 1 x mini-USB to USB-A cable
- * 2 x Foot Pad Set

Transmitter Unit Specifications:

Input Port :	HDMI x 1 Analog Stereo x 1 RJ-12 x 1 IR Transceiver x 1 IR Receiver x 1 USB Host x 1
Output Port :	RJ-45 x 1
LED (Link/Video Status) :	Multi-colour x 1
Video Resolution (max.) :	Full HD (1920 x 1080 @ 60Hz) UHD (3840 x 2160 @ 60Hz YCbCr 4:2:0)
Extension Distance :	Full HD (1920 x 1080 @ 60Hz) 100m UHD (3840 x 2160 @ 30Hz) 70m UHD (3840 x 2160 @ 60Hz YCbCr 4:2:0) 70m
Power Supply :	DC 12V (Single power supply at either one end of two units (Tx & Rx))
Enclosure :	Metal
H x W x D (mm) :	24 x 75 x 102
Weight (g) :	311~340

Receiver Unit Specifications:

Input Port :	HDMI x 1 Analog Stereo x 1 RJ-12 x 1 IR Transceiver x 1 IR Receiver x 1 USB Device x 4
Output Port :	RJ-45 x 1
LED (Linkr/Video Status) :	Multi-colour x 1
Video Resolution (max.) :	Full HD (1920 x 1080 @ 60Hz) UHD (3840 x 2160 @ 60Hz YCbCr 4:2:0)
Extension Distance :	Full HD (1920 x 1080 @ 60Hz) 100m UHD (3840 x 2160 @ 30Hz) 70m UHD (3840 x 2160 @ 60Hz YCbCr 4:2:0) 70m
Power Supply :	DC 12V (Single power supply at either one end of two units (Tx & Rx))
Enclosure :	Metal
H x W x D (mm) :	24 x 75 x 102
Weight (g) :	311~340

*Above video resolution and extension distance are based on a single CATx 24AWG solid cable without cascade. STP cabling is recommended for environments with high EMI or RFI. For the best performance results, using stranded cabling or other thinner cables, and coiling of excess cable lengths should be avoided.

PRODUCT FEATURES

4K/UHD capability

Supports Ultra High Definition sources and displays. Future proofs AV systems in preparation for technology improvements, 4K/UHD streaming services and playback devices

HDCP Compliant

Adheres to latest specification for High-bandwidth Content Protection. Allows protected content stream to pass between devices

Only Single Power Supply Required

Only requires single power supply at either transmitter or receiver end Saves time and integration costs

Extended distance HDMI extension

Transmits HDMI signals up to 100m @ 1080P over CAT5e/6/6A or 4K/UHD up to 70m. Uses easy-to-integrate category cable for low-cost, reliable system installation

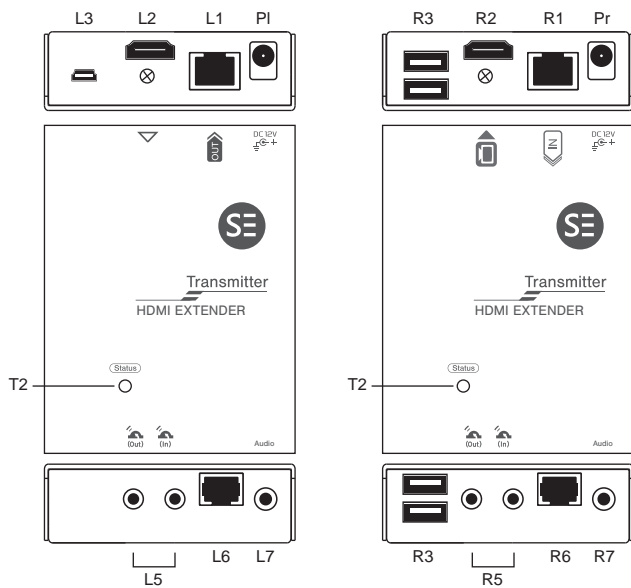
HDMI, USB, IR, Bi-directional Ethernet and control over HDBaseT

Delivers 4K/UHD video, 4 X USB, audio and Bi-directional IR and control over a single cable. Eliminates multiple cable runs between source, control system, router, and display

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PHYSICAL DESCRIPTION



L1 R1 :	RJ-45 Jack	Use a CATx cable for connection between two units
L2 R2 :	Input / Output Connector	[L2] connects to PC, [R2] connects to Monitor
L3 R3 :	USB connector	[L3] connects to PC, [R3] connects to USB devices
L4 R4 :	LED Indicator	[L2] Green: Power on, [R2] Green: Power on / Blue: Link OK
L5 R5 :	IR Extension	[In] connects to IR Receiver, [Out] connects to IR Transmitter
L6 T6 :	RJ12 Connector	[L6] connect to PC, [R6] connect to Serial device
L7 T7 :	Audio Connector	[L7] connect to PC, [R7] connect to the speaker
PI Pr :	Power Supply	Apply power from power supplier to the unit

CONNECTION GUIDE

