VitBest EA-100KVM-TR HDMI USB KVM Extender over Cat5e/Cat6 (HDBaseT)

The HDMI USB KVM (Keyboard, Video, Mouse) Extender is a tool which can extend your HDMI signal over 328fts/100meters to a compatible display. It is designed to convert HDMI signal to standard HDBaseT signal which can be transmitted by CAT5e/CAT6/CAT7 cable. It also supports Transfer Bidirectional Infrared control signal and RS232 control signal. With LAN serving connection and external digital and analog audio capability that gives users the convenience of additional audio connection. It also supports the connection of USB host and 2 USB device ports. So you can control the Source in the Sink side which is 328fts outside, also you can control the Sink in the Source side which is 328fts outside using the HDMI Extender.

FEATURES

- Fully compliant with HDMI 1.4, and compatible with HDMI 2.0 (4K2K@60Hz with YCbCr 4:2:0). HDCP2.2 and DVI compatible.
- Supports HDBaseT 2.0 specification over a single CAT5e/6/7 cable up to 100m/328ft.
- Supports pass-through of HD audio formats: LPCM2/5.1/7.1 CH, Dolby Digital, DTS, Dolby TrueHD, DTS-HD Master Audio and more.
- POE(Power Over Ethernet)function support, either TX or RX powered 24V@1A.
- Full HD support: 1080p@60Hz@24/36/48bit/pixels.
- Supports USB 2.0 control.
- Supports external Bi-Directional SPDIF IN/OUT and available for multichannel audio.
- Supports stereo audio with PCM 2CH.
- Transfer Bidirectional Infrared control signal together with the HDMI signal.
- Transfer Bidirectional RS232 control signal together with the HDMI signal.
- Transfer Bidirectional Ethernet signal together with the HDMI signal.

SPECIFICATIONS

Video Bandwidth	340MHz/10.2Gbps
TRANSMITTER	
Input Ports	1x HDMI, 1xLAN, 1xUSB-H, 1xIR in, 1x Audio in, 1xRS232
Output Ports	1xIR out, 1xOptical (Spdif out), 1xHDBaseT OUT, 2xUSB-D
RECEIVER	
Input Ports	1xIR in, 1xOptical (Spdif in), 1xHDBaseT IN, 1xUSB-H
Output Ports	1x HDMI, 1xLAN, 2xUSB, 1xIR out, 1x Audio out, 1xRS232,1xOptical (Spdif out),
Power Supply	DC 24V 1A
ESD Protection	± 8kV (air-gap discharge)
8kV (air-gap discharge)	± 4kV (contact discharge)
Dimensions (mm)	160(W) X 97 (D) X 28 (H)
Weight	450g/TX, 450g/RX
Operating Temperature	0˚C ~ 40˚C / 32˚F ~ 104˚F
Storage Temperature	-20˚C ~ 60˚C / -4˚F ~ 140˚F
Relative Humidity	20~90% RH (Non-condensing)
Power Consumption (Max)	12W

www.vitbest.com
info@vitbest.com