



TP-HDMIHD-200TR

HDMI1.4 HDBeast Extender

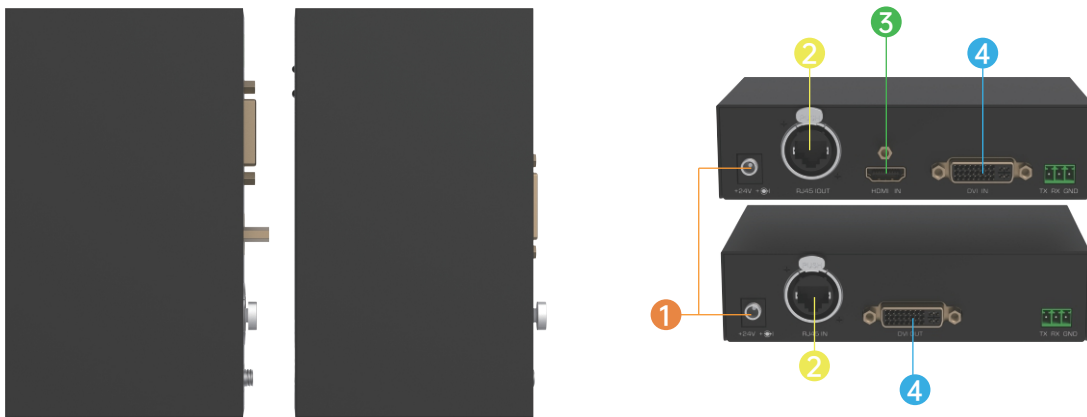
Product number:5.02

Summary

TP-HDMIHD-200TR is an uncompressed, zero-frame delay HDBaseT extender that uses CAT6 cable to transmit an HDMI 1.4 or DVI signal up to 100 meters at maximum resolution of 3840x2160@30Hz. Supports PoE remote power and the transmitter has automatic input signal sensing of DVI / HDMI. The full-featured HDMI interface also supports EDID transparent transmission, HDCP, ARC, CEC and 3D, and plug and play. Designed with NEUTRIK Ethernet interface and locking power interfaces a more reliable connection. Suitable for repeated use of HDMI transmission in various applications such as rental performances, fixed installation, and residential.



Product view

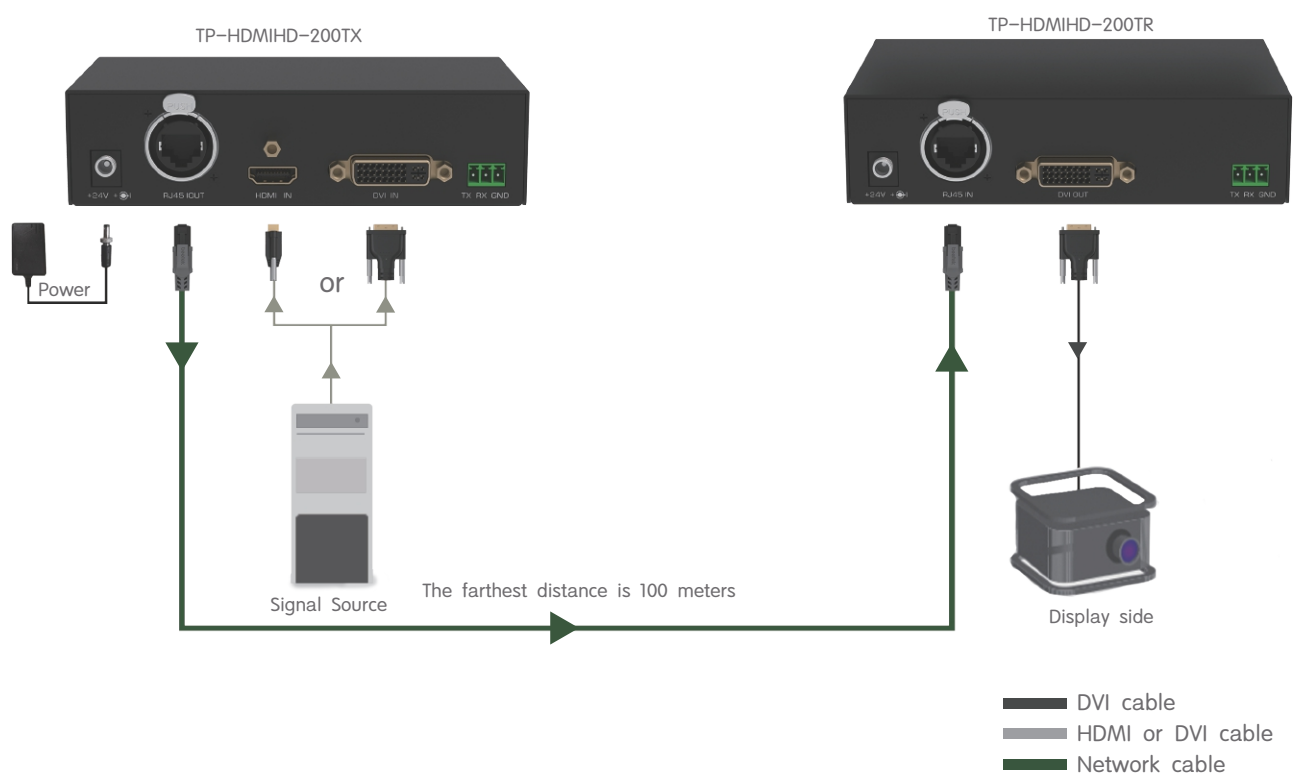


Number	Name	Number	Name
①	DC 24V	③	HDMI Type A Female
②	NEUTRIK water-proof RJ45	④	DVI-D(18+1)

Technical Characteristics

- ◆ Standard HDBeast twisted pair extender with HDBeast.
- ◆ One DVI and one HDMI input on the transmitter, which are automatically recognized.
- ◆ Lossless and uncompressed video extension ensure source signal is 100% restored.
- ◆ The transmission rate is 10.2Gbps, and the maximum support is 3840x2160@30Hz.
- ◆ Supports CAT6 and transmits up to 100 meters.
- ◆ Supports PoE remote power, so only one end requires a power supply.
- ◆ Locking power and NEUTRIK Ethernet XLR interfaces ensure solid signal transmission.
- ◆ Four-way indicator LED for signal, power, Ethernet, and hot-plug detect allow for easy troubleshooting.
- ◆ The full-featured HDMI 1.4 interface supports EDID transparent transmission, CEC, ARC, and 3D.
- ◆ Suitable for various applications such as rental and staging, fixed installation, and residential.

Connection diagram



Product parameter

Name	Parameter
Signal	HDMI 1.4
Input Connector	TX : HDMI Type A Female, DVI-D (18+1) RX: NEUTRIK water-proof RJ45
Output Connector	TX: NEUTRIK water-proof RJ45 RX: DVI-D (18+1)
CAT Cable Type	CAT6 and above
Indicator LED	Power, Signal, Connection status, HDCP
HDMI locking connector	Yes
Locking power connector	Yes
Power Consumption	DC 24V 2A
Working Temp	-20°C ~ 70°C
Material	Metal mold
EDID	Pass-through
DDC	Yes
RS232	Yes
HDMI Audio	Yes
3D	Yes
CEC	Yes
ARC	Yes
HDCP	Yes
HDR	Yes
XvYCC Color Space	Yes
POE	Yes
Technical Characteristics	HDBeast
Resolution	3840*2160@30Hz
Transmission Distance	100M
Clock Bandwidth	340MHz *3
Transmission Speed	10.2Gbps
Balancing Chip	Automatic equalization
Reclocking	Yes
ESD Protection	Yes
Hot Plug	Yes
Delay	Zero frame-delay
Compression	None
Sampling Rate	Bandwidth Range: 8~16bit
Sampling Ratio	RGB 4:4:4 、 YUV 4:4:4、 YUV 4:2:2、 YUV 4:2:0
Input Signal Identification	Input signal automatic recognition
Output Signal Identification	Prioritize the DVI signal; if the DVI signal is lost, automatically switch to the HDMI signal

Dimensional drawing



- Dimensions 142*82*38mm
- Weight TX; 381g, RX;385g
- Package Dimensions 330*190*89mm
- Packaging Weight 1.1KG