

HBT150B-KIT

18G HDBaseT™ Extender



Overview

HBT150B-KIT is the HDMI2.0 18Gbps extender equipped with the latest HDBaseT technology on the market, which can extend high definition or 4K video /audio signal, RS-232, bi-directional IR between transmitter and receiver via a single CAT cable.

HBT150B-KIT is engineered especially for high-resolution, HDMI-compatible devices with HDMI connectors. This HDMI extender uses the advanced technology of HDBaseT to extend uncompressed 1080p or 4K video signals to an 150m or 120m distance respectively over a single category cable

HBT150B-KIT extenders offer the most convenient solution for HDMI extension via a single Cat5e/6 with long distance capability and is the perfect solution for any application.

Features

- HDMI 2.0b (18Gbps), HDCP 2.2/1.4 and DVI compliant
- Video resolutions up to 4K2K@60Hz 4:4:4,
- Support up to 150m transmission for 1080P
- Support up to 120m transmission for 4K2K
- Support HDR, HDR10+, Dolby Vision and HLG
- Support one HDMI loop output on the transmitter
- Support de-embedded audio to analog stereo output on receiver
- Supports HDMI Audio Formats of LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
- POC (Power Over Cable) function is supported, either TX or RX is powered by 24V@1A power supply, the other unit does not need a power supply from the DC jack.
- POC Power consumption is less than 10W.
- Support bi-directional IR, RS-232 and CEC pass-through



HBT150B-RX	Receiver
Inputs	1x HDBT, 1x IR Rx, 1x RS-232, 1 x Mini USB
Outputs	1x HDMI, 1x IR Tx, 1x 3.5mm Jack
PSU	DC 24V 1A or PoC
Dimensions	140mm [W] x 65mm [D] x 18mm [H]
Net Weight	155g
HBT150B-TX	Transmitter
Inputs	1x HDMI, 1x IR Rx, 1x RS-232, 1 x Mini USB
Outputs	1x HDBT, 1x HDMI, 1x IR Tx
PSU	DC 24V 1A or PoC
Dimensions	140mm [W] x 65mm [D] x 18mm [H]
Net Weight	160g
Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 60°C
Humidity	20% ~ 90% (no condensation)
Warranty	2 years

System Diagram

