

## 4K 60Hz HDBaseT Extender with USB2.0

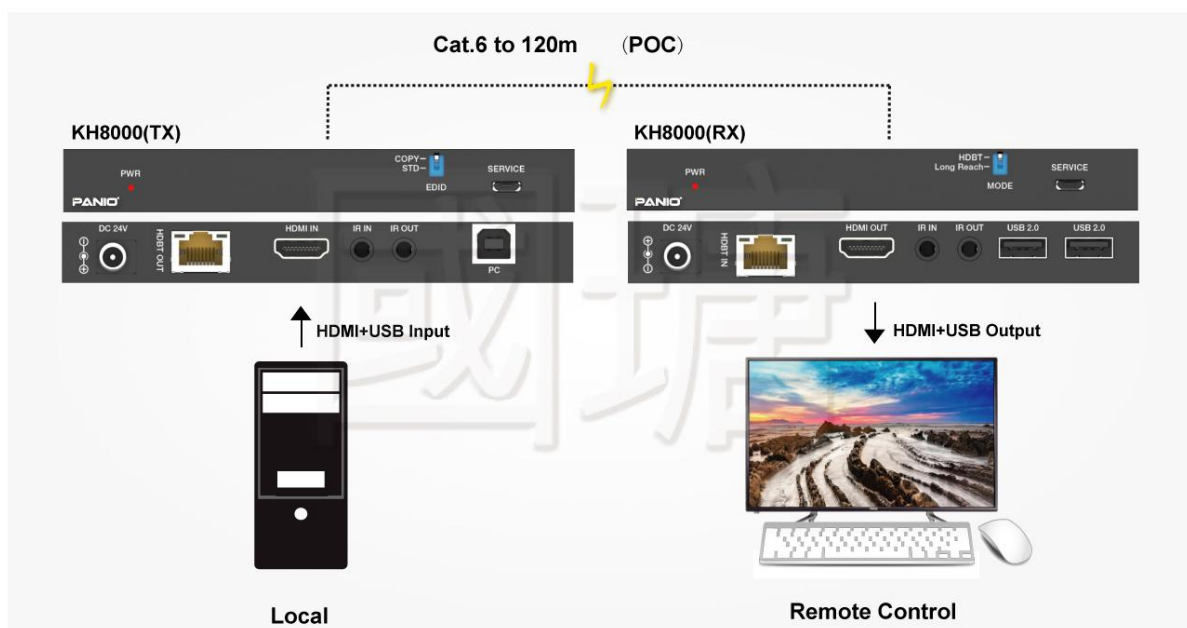
Model:KH8000

### Features

- The 4K 60Hz HDMI/ USB2.0/ Bidirectional IR signal is transmitted to the remote display through the network cable.
- Using HDBaseT uncompressed transmission technology, 4K video and audio signals can be transmitted remotely through the network cable.
- Support resolution up to 4K 60Hz, YUV 4:4:4.
- Support 18Gbps video bandwidth.
- Support HDMI2.0b, HDCP 2.2 / 1.4.
- HDMI&USB keyboard and mouse signals can be extended to 120 meters at 4K 60Hz resolution.
- HDMI&USB keyboard and mouse signals can be extended to 150 meters at 1080p resolution.
- USB peripheral devices (using USB cameras, USB flash drives, etc.) can be extended to 100 meters.
- Support bidirectional infrared signal and USB KVM signal transparent transmission
- Support EDID management.
- Support POC unilateral power supply.
- Hardware design, no need to install additional software.

### Product Image

### Diagram



## Specification

Transmitter port	1 x HDMI input, 1 x USB HOST [USB Type B], 2 x IR, 1 x HDBT (RJ45) output, 1 x SERVICE Micro-USB
Receiver port	1 x HDMI output, 2 x USB DEVICES [USB Type A], 2 x IR, 1 x HDBT (RJ45) input, 1 x SERVICE Micro-USB
Support resolution	4K@60Hz,YUV4:4:4 (Max)
Transmission distance	Transmit up to 150m under 1080p 60Hz, 120 m under 4K 60Hz. USB peripheral devices (using USB cameras, USB flash drives, etc.) can be extended to 120 meters.
MODE DIP switch	This switch is used for mode setting (factory default is set to HDBaseT mode). HDBT: Switch to HDMI+ USB peripheral devices mode. Long Reach: Switch to HDMI+USB Keyboard/mouse mode.
HDMI audio format	LPCM 7.1CH, Dolby True HD and DTS-HD Master
Color space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Bit Depth	8/10/12-bit
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
Bandwidth	18Gbps
Cable length	Input and output can be connected to a maximum of 5 meters HDMI2.0 cable
Power supply	DC 24V/1A (unilateral power supply)
Dimensions	Transmitter 140 × 65 × 18mm / Receiver 140 × 65 × 18mm (LxWxH)
Item Weight	Transmitter 245g / Receiver 249g
Operation temperature	0°C ~ 40°C / 32°F ~ 104°F
Relative humidity	20~90% RH

## Package Contents

- 1 x KH8000 Tx
- 1 x KH8000 Rx
- 2 X IR Cable
- 1 X 24V/1A Power adapter
- 2 X Rack Accessories
- 1 X User manual