

# HBT70S-KIT

## 4K HDBaseT™ Extender



### Overview

HBT70S-KIT HDBaseT extender is a transmitter and receiver set used for the transmission of uncompressed HDMI audio video signal over the CAT-5 or CAT-6/7 cable. The transmission resolution can be up to 3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, or 4K@50/60Hz 4:2:0.

HBT70S-KIT 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 70m or 40m distance respectively over a single category cable

HBT70S-KIT extenders can provide perfect frame lock between multi units when working together. Therefore, they are perfect for being used with SEADA SW video wall controllers' HDBaseT input and output cards to form a large video wall with flexibility on cabling length.

### Features

- Complies with the HDBaseT specifications
- Supports 4K UHD video up to 40m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K@50/60Hz 4:2:0)
- 10.2Gbps Bandwidth
- Supports 1080P @60Hz36bit; 3D 1080P@30Hz 36bit up to 70m
- Supports 3D signal display
- HDCP2.2 compliant
- 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
- Ultra-thin compact design
- Supports bidirectional PoC (Power over Cable) to power the system from either TX or RX end
- Supports bidirectional Infrared control signal together with the HDMI signal
- Supports bidirectional RS232 control signal together with the HDMI signal
- Compatible with SEADA SW video wall controllers



<b>HBT70S-RX</b>	<b>Receiver</b>
<b>Inputs</b>	1x RJ45, 1x IR Rx, 1xPhoenix
<b>Outputs</b>	1x HDMI Female port, 1x IR Tx, 1xPhoenix
<b>PSU</b>	DC 24V 1A or PoC
<b>Dimensions (mm)</b>	115[W] x 65[D] x 17[H]
<b>Net Weight</b>	200g
<b>Operating Temperature</b>	0 ~ 40°C
<b>Storage Temperature</b>	-20 ~ +60°C
<b>Humidity</b>	20% ~ 90%
<b>Warranty</b>	2 years
<b>HBT70S-TX</b>	<b>Transmitter</b>
<b>Inputs</b>	1x HDMI Female port, 1x IR Rx, 1xPhoenix
<b>Outputs</b>	1x RJ45, 1x IR Tx, 1xPhoenix
<b>PSU</b>	DC 24V 1A or PoC
<b>Dimensions</b>	115[W] x 65[D] x 17[H]
<b>Net Weight</b>	200g
<b>Operating Temperature</b>	0 ~ 40°C
<b>Storage Temperature</b>	-20 ~ 60°C
<b>Humidity</b>	20% ~ 90%
<b>Warranty</b>	2 years

