

3. Connection instruction:

- 1). Connect HDMI input with HDMI output of source device.
- 2). Connect IR blaster extension cable to the IR extender out port.
- 3). Connect RJ45 port with RJ45 input port of HDMI extender RX.
- 4). Connect HDMI output of HDMI extender RX to HDMI input of HDTV and set the TV source input to correct HDMI input channel.
- 5). Power on the device (power indicator led lights) and it works.

• FAQ

- Q:** TV display "waiting for connection" on the bottom right corner?
- A:** 1) Please check if the power supply of TX (sender) and RX(receiver) is well connected and the power indicator led lights on.
2) Make sure all cables are firmly connected.
- Q:** TV display "Please check the TX input signal" ?
- A:** 1) please check if there is An HDMI signal input of TX.
2) Try to connect the signal source directly to display device to see if there is signal output from source device or change the signal source, HDMI cables and try again.
- Q:** Display not fluent and stable?
- A:** 1) Please check the cable length between TX(sender) and RX (receiver) is within the required range.
2) Click "reset" button on the RX/RX panel, reset and reconnect.

• Specification

Items	Specification
HDMI signal	Compatible with HDCP
Transport protocol	HDBitT
Support resolutions	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
Transmit distance	Up to 120meters transmission distance for 1080p 60Hz full HD over single CAT6
IR signal	Support 20~60kHz IR device
Input	1 x HDMI
Output	8 x RJ45
Connection indicator leds	8 x LED
Working temperature	0°C ~ 60°C
Power supply	DC12V/3A
Power Consumption	<24W
Dimension	299(W) x 110.7(D) x 29.6(H) mm
Weight	430g
Color	Black

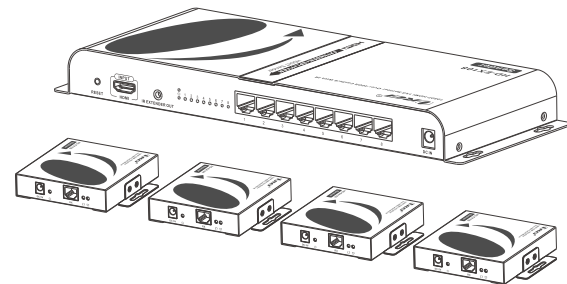
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HDBitT 1 to 8 HDMI Extender Splitter

HD-EX108 User manual



Important Safety Notes:

1. Do not plug-in/out the network cables and IR cables when it is using.
2. Use DC12V only. Make sure the specification matched if using 3rd party DC adapters.

• Introduction

This product combines the extender and splitter function to split 1 HDMI signal to 8 identical HDMI signals via network cable and it is used as a sender to work with 8 receivers to transmit these 8 HDMI signals up to 120meters.

With the IR signal transmission to control the source device operation in long distance, it is widely applied in HD audio visual display room, HDTV, Set top box, DVD etc exhibition center and digital monitoring system.

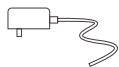
• Features:

1. Support 1 HDMI input to 8 HDBiT outputs.
2. Up to 120meters transmission distance over single cat6 (high quality cable can reach 150meters).
3. Compatible with the receiver device which supports HDBiT transport protocol.
4. Compatible with HDCP.
5. Metal housing and mountable design.

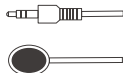
• Package contents



HDMI extender TX*1



DC12V/3A power adapter*1



IR blaster extension cable *1



User manual *1

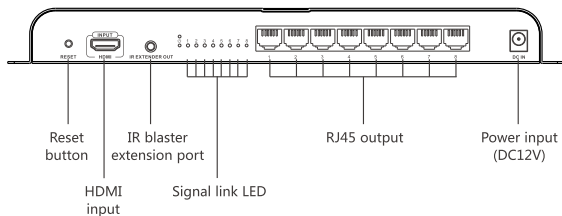
• Installation Requirement

1. HDMI source device(computer graphics card, DVD,PS3, HD monitoring equipment etc)
2. HDMI display device like SDTV, HDTV, and projector with HDMI port.
3. HDMI extender RX which supports HDBiT transport protocol
4. UTP/STP cat5/5e/6 cable, follow standard IEEE-568B

Network cable length supported between every connection:

- CAT5 80m
- CAT5E 100m
- CAT6 120m

• Panel description



• Connection and operation

1. network cable

Follow the standard of IEEE-568B:

- | | |
|----------------|---------------|
| 1-Orange/white | 5-Blue/white |
| 2-Orange | 6-Green |
| 3-Green/white | 7-Brown/white |
| 4-Blue | 8-Brown |



2. Connection

