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 HDbitT RJ45 port with HDbitT 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 the unit (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 the unit
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 the unit(sender) and RX (receiver) is within the required range.
2) Press "reset" button on the unit/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, 4K×2K@24/25/30Hz

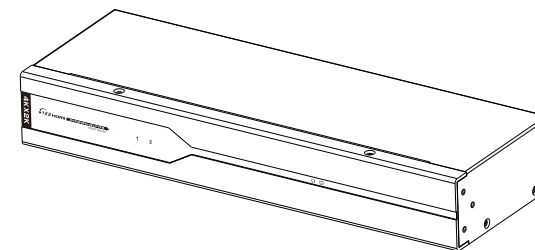|	
Transmit distance	Up to 120meters transmission distance for 4K×2K@30Hz ultra HD over single CAT6
IR signal	Support 20~60kHz IR device
Input	1 x HDMI
Output	2 x RJ45
Connection indicator leds	2 x LED
Working temperature	0℃ ~ 60℃
Power supply	5V2A
Power Consumption	<10W
Dimension	288×98×44.4mm
Weight	1000g
Color	Black

Disclaimer

The product name and brand name may be registered trademark of related manufacturers.TM and ® may be omitted on the user manual. The pictures on the user manual are just for reference,and there may be some slight difference with the real products.
We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.

HDbitT 1 to 2 HDMI Extender Splitter
User manual

4Kx2K

Important Safety Notes:

1. Do not plug-in/out the network cables and IR cables when it is in using.
2. Use DC5V only. Make sure the specification matched if using 3rd party DC adapters.
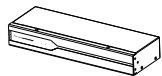
• Introduction

This product combines the extension and distribution functions to split 1 HDMI signal to 2 identical HDMI signals via network cable and it is used as a sender to work with 2 receivers to transmit these 2 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.
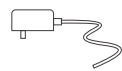
• Features:

1. Based on HDbitT technology, more stable performance
2. Distribute 1 HDMI source to 2 HDMI displays by connecting with HDbitT HDMI extender receivers
3. Extend HDMI signal up to 120m over CAT6 cable
4. Support full HD resolution 1080p@60Hz
5. Support IR passback
6. Plug and play, use easily
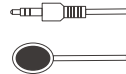7. High-end metal enclosure design , stable and durable

• Package contents

HDMI extender TX*1   5V2A power adapter*1
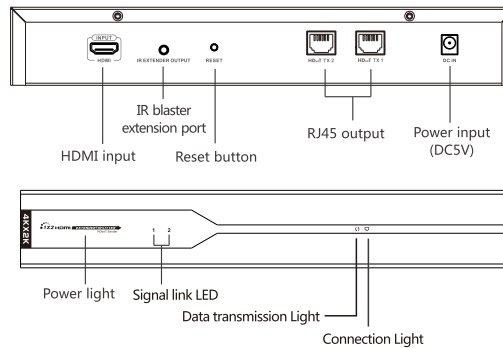
IR blaster extension cable *1   User manual *1

• 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 HDBitT transport protocol
4. UTP/STP cat5/5e/6 cable, follow standard IEEE-568B
   Network cable length supported between every connection:
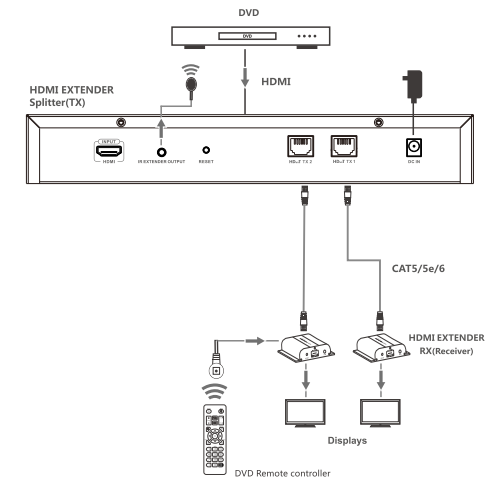   CAT5 80m   CAT5E 100m   CAT6 120m

• Panel description

IR blaster extension port
HDMI input   Reset button   RJ45 output   Power input (DC5V)

Power light   Signal link LED
Data transmission Light
Connection Light

• Connection and operation

1. network cable

Follow the standard of IEEE-568B:
1-Orange/white
2-Orange
3-Green/white
4-Blue
5-Blue/white
6-Green
7-Brown/white
8-Brown

2. Connection

DVD
HDMI EXTENDER Splitter(TX)
HDMI
CAT5/5e/6
HDMI EXTENDER RX(Receiver)
Displays
DVD Remote controller

[NOTE] : This extender splitter unit realizes extension and distribution functions by match with HDbitT HDMI receivers