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 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 extender splitter 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 extender splitter.

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 extender splitter and RX (receiver) is within the required range.

2) Press "reset" button on the extender splitter/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 4KX2K@24/25/30Hz

Transmit distance	Up to 120meters transmission distance for 4Kx2K@24/25/30Hz ultra HD over single CAT6
IR signal	Support 20~60kHz IR device
Input	1 x HDMI
Output	4 x RJ45
Working temperature	0℃~60℃
Power supply	DC5V/2A
Power Consumption	<10W
Dimension	288(W) x 98(D) x 44.4(H) mm
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.
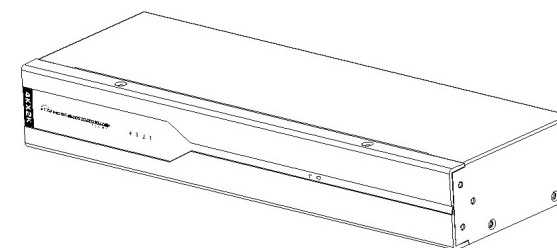
HDbitT 1 to 4 HDMI Extender Splitter over CAT5/5e/6

User manual

4Kx2K

HELGI
THE DIGITAL COURTYARD

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 3 rd party DC adapters.

· Introduction

This product combines the extender and splitter function to split 1 HDMI signal to 4 identical HDMI signals via network cable and it is used as a sender to work with 4 receivers to transmit these 4 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, exhibition center and digital monitoring system.

· Features:

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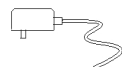4. Compatible with HDCP.

· Package contents

HDMI Extender Splitter *1   DC5V/2A power adapter*1

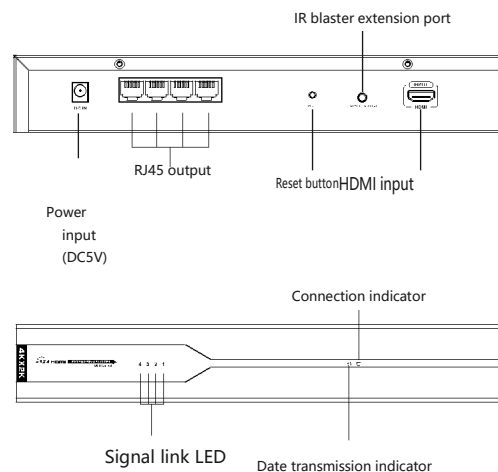IR blaster extension cable *1   User manual *1

· 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

RJ45 output   Reset button HDMI input

Power input (DC5V)

Connection indicator

Signal link LED   Date transmission indicator

· Connection and operation

1. network cable

Follow the standard of IEEE-568B:

1-Orange/white

2-Orange

3-Green/white

4-Blue

2. Connection

DVD

HDMI Extender Splitter

HDMI EXTENDER RX(Receiver)

display