

• **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	HDMI1.4, compatible with HDCP1.4
Transport Protocol	HDbiT
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 10Km transmission distance for 4K×2K@24/25/30Hz resolution over single mode optical fiber cables
DDC Signal Voltage	5Vp-p(TTL)
TMDS Bandwidth	10.2Gpbs
Fiber Optics Type	G657
Input Port	1 x HDMI
Output Port	4 x SC/APC
Working Temperature	0~60°C
Power Adapter	DC5V/2A

Power Consumption	≤10W
Dimension	288(L)x 98 (W) x44.4 (H) mm
Weight	1Kg
Color	Black

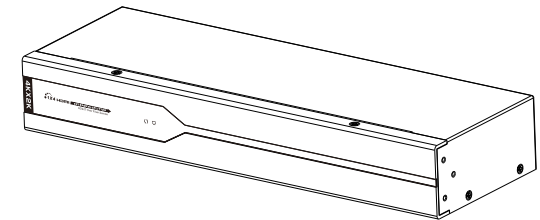
Disclaimer

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.

HDbiT 1 to 4 HDMI Fiber Optics 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.

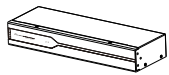
• Introduction

This product combines the extender and splitter function to split 1 HDMI signal to 4 identical HDMI signals over single mode optical fiber cables, and extend signal up to 10Km. It is widely applied in HD audio visual display room, exhibition center and digital monitoring system.

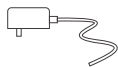
• Features:

1. Transmission over single mode optical fiber cables, plug and play
2. Extend resolution 4K×2K up to 10Km
3. Support 1 HDMI signal input and 4 SC signal output
4. Avoid the electromagnetic interference in environment for long distance transmission
5. Compatible with HDCP1.4
6. Low signal loss, wide frequency band and strong anti-interference
7. Compatible with the receiver which support HDBiT transport protocol

• Package contents



HDMI extender splitter TX*1



DC5V/2A power adapter*1

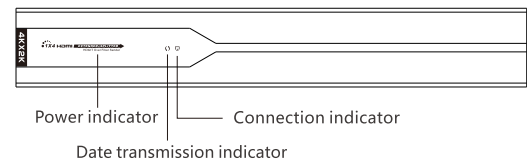
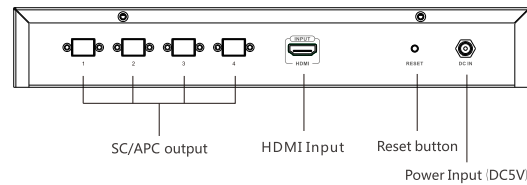


User manual *1

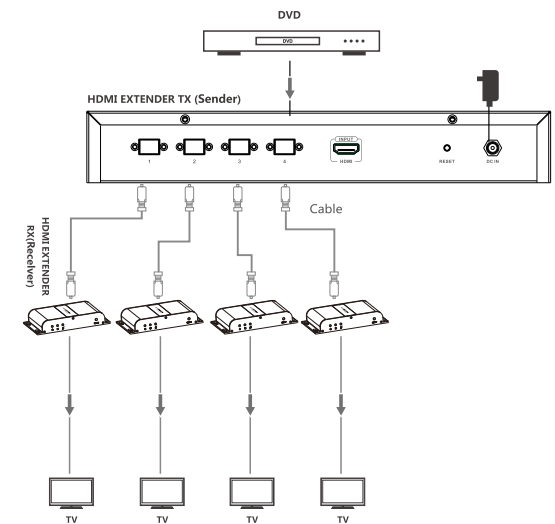
• Installation Requirement

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. Cables(HDMI cables,single mode optical fiber cables)

• Panel description



• Connection and operation



• Connection instruction:

- 1). Connect HDMI input with HDMI output of source device.
- 2). Connect SC port of the mainframe with SC input port of HDMI extender RX.
- 3). Connect HDMI output of HDMI extender RX to HDMI input of HDTV and set the TV source input to correct HDMI input channel.
- 4). Power on the device (power indicator lights) and it works.