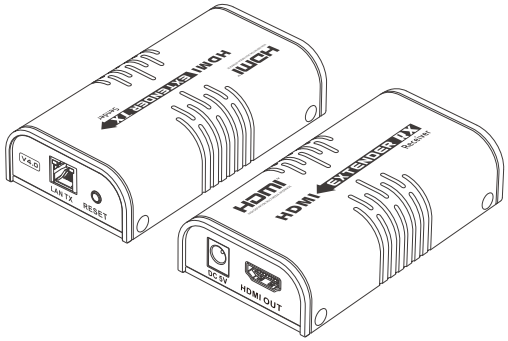
HDMI Extender

User manual



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Important Safety instructions:

1. Do not mix up the HDMI EXTENDER sender and HDMI EXTENDER receiver.
2. Do not plug-in/out the cables ,when it is in using.
3. Use DC 5V power supply only. Make sure the specification matched if using 3rd party DC adapters.

• INTRODUCTION

This HDMI extender includes both a transmitter and a receiver unit. It can extend HDMI signal up to 120 meters over single network cables, and the supported resolution up to 1080p@60Hz. This extender is HDCP compliant.

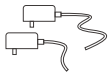
• Package Contents



HDMI EXTENDER
sender TX ×1pcs



HDMI EXTENDER
receiver Rx ×1pcs



DC5V/1A ×2pcs



User Manual ×1pcs

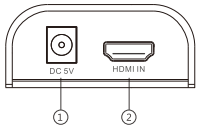
Note : above accessory contents is regular package for a kit. If buy HDMI extender TX or HDMI extender RX separately, the package contents would be different.

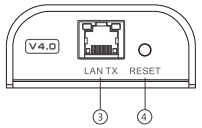
• Installation Requirements

1. HDMI source device(computer graphics card, DVD,PS3, HD monitoring equipment etc).
2. HDMI display device like SDTV, HDTV, projector with HDMI port.
3. Network cables：UTP/STP Cat5e/6 network cables, which following the standard of IEEE-568B.

• Panel Description

1. HDMI EXTENDER TX (Sender)

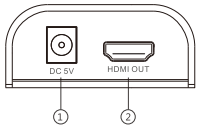


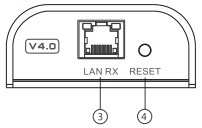


① Power input (DC5V)
② HDMI signal input

③ RJ45 signal output
④ Reset

2. HDMI EXTENDER RX(Receiver)





① Power input (DC5V)
② HDMI signal output

③ RJ45 signal input
④ Reset

• Installation Procedures

1. How to make a Cat5e/6 network cable

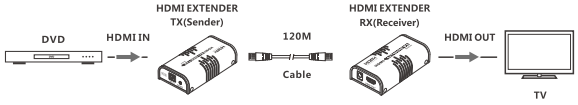
Follow the stanard of IEEE-568B:

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

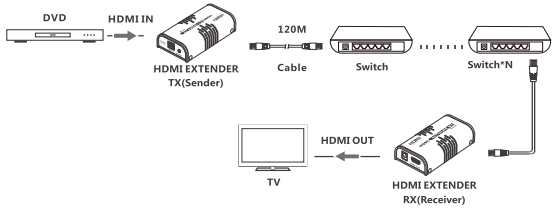


2. Connections

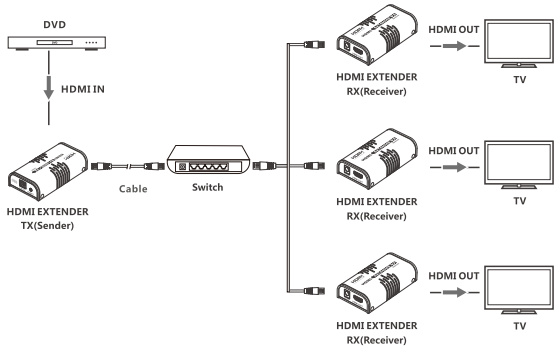
2.1 Point to Point connection: Up to 120 meters transmission distance over single CAT6 .



2.2 LAN Switch Cascade Connection: By using the LAN switch/router to realize unlimited extension.



2.3 One-to-many Connection: By using network router/switch , one sender to several receivers, realize extender & splitter function.



Note: It is recommended that Gigabit Ethernet switches be used in LAN. Fast Ethernet switches (100Mbps) and Gigabit Ethernet switches (1000Mbps) can not be mixed-use in cascade.

• FAQ

Q : TV display "Waiting for connection" ?
A : Please check if the power supply of TX (Sender) and switcher (if used) is connected, and make sure connecting cable is firmly.

Q : TV display "Please check the TX input signal" ?
A : 1) please check if there is a HDMI signal input of TX.
2) Try to connect the signal source directly to display device to see if there is singal output from source device or change the signal source, HDMI cable and try again.

Q : Display not fluent, not stable?
A : 1) Please check the cable length between the TX to switch, the switch to the RX and the connection between each level is within the required range.
2) Click the"reset"button on the TX/RX front panel, reset and reconnect.

• Specification

Items	Specifications
HDMI Signal	HDM1.3 Compatible with HDCP1.4
Support resolutions	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
Network Cable	UTP/STP Cat5/5e/6
Transmission distance	Up to 120 meters transmission distance for 1080p 60Hz Full HD over single CAT6. CAT5 80m/CAT5E 100m/CAT6 120m
Transmission rate	18Mbps
Working Temperature	0℃ ~ 60℃
Power Supply	DC5V/1A
Power Consumption	TX: 3.5W; RX: 3W
Protection	Lightning Protection, Surge Protection, ESD protection
Dimensions	110(W) x 58(D) x 26(H)mm *2PCS
Weight	TX: 125g RX: 120g
Color	Black

Disclaimer

The product name and brand name may be registered trademark of related manufactures. ™ and ® may be omitted on the user manual.
The pictures in this user manual are just for reference. The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.