VIVO◆LINK™
PROFESSIONAL AV SOLUTIONS

HDMI EXTENDER

User manual

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE
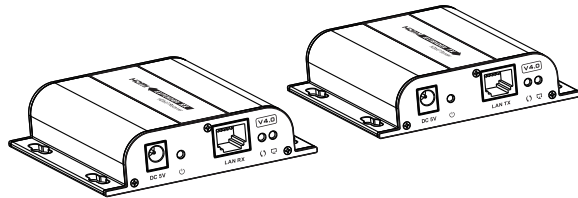
• INTRODUCTION

HDMI extender, extend the transmit length of HDMI Visual/Audio up to 120m(394ft) with single network cable. Supports IR signal transmission, to control media playback of the signal source device at the display location .

Important Safety instructions:

1. Do not mix up the HDMI EXTENDER sender and HDMI EXTENDER receiver, and the IR blaster and IR 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.
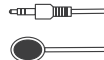
• Package Contents

HDMI EXTENDER sender TX ×1pc

User Manual ×1pc

DC5V/1A ×1pcs
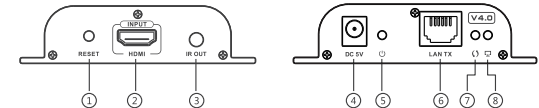
IR blaster extension cable x1pc

• 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.
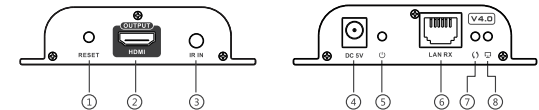   Transmission length: CAT5 80m/CAT5E 100m/CAT6 120m.

• Panel Description

1. HDMI EXTENDER TX (Sender)

① Reset
② HDMI signal input
③ IR signal output to connect with blaster extension cable
④ Power input (DC5V)

⑤ Power Light
⑥ RJ45 signal output
⑦ Data transmission light
⑧ Network link light

2. HDMI EXTENDER RX(Receiver)

① Reset
② HDMI signal output
③ IR signal input to connect with IR receiver extension cable
④ Power input (DC5V)

⑤ Power Light
⑥ RJ45 signal intput
⑦ Data transmission light
⑧ Network link light

• Installation Procedures
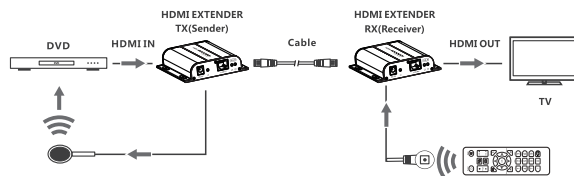
1. How to make a Cat5e/6 network cable

Follow the stanard of IEEE-568B:

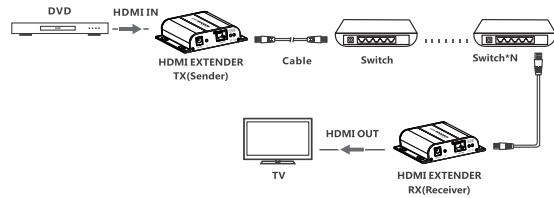|		
1-Orange/white	4-Blue	7-Brown/white
2-Orange	5-Blue/white	8-Brown
3-Green/white	6-Green	

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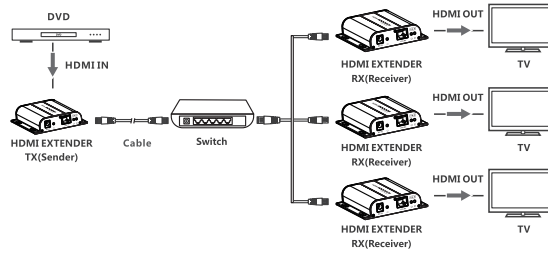
Note:It is recommended that Gigabit Ethernet switches be used in LAN. Fast Ethernet switches (100Mbps) and Gigabit Ethernet switches (1000Mbps) can not be mixed-use in cascade.

3. IR User Guide

1) IR blaster extension cable should plug-in the IR-out port of TX (Sender) of HDMI extender, and the IR receiver extension cable should plug-in the IR-out port of the RX (Receiver) of HDMI extender.
2) The emitter of IR blaster should as close as possible to the IR receiver of the signal source device.
3) Using the IR remote controller of the signal source device towards the IR receiver (connected to the RX of HDMI extender), to remote control source media playback.

• 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 wire 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
IR signal	Supports 20~60KHz IR devices
Working Temperature	0℃ ~ 60℃
Power Supply	DC5V/1A
Power Consumption	TX: 3.5W; RX: 3W
Protection	Lightning Protection, SurgeProtection, ESD protection
Dimensions	96.8(W) x 94(D) x 23.7(H)mm *2PCS
Weight	TX: 145g RX: 142g
Color	Black

Disclaimer

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