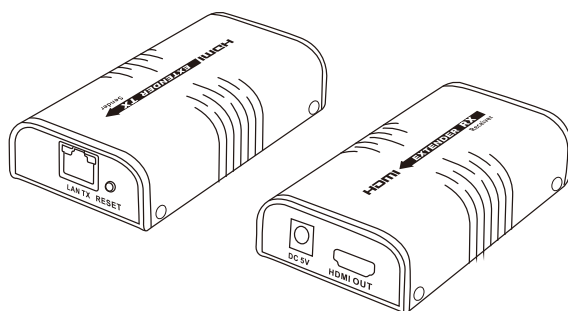# XtendLan EHDMIC11B-TR

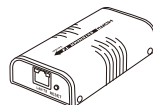## HDbitT HDMI Extender

User manual

• INTRODUCTION

HDMI HDbitT extender, takes the advantages of the latest transmission technology - HDbitT, extends your HDMI video/audio with the resolution up to 1080p 60Hz up to 120m(394 feet) via single network cable.

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.
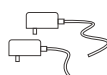
• Package Contents

HDMI EXTENDER sender TX ×1pcs

HDMI EXTENDER receiver Rx ×1pcs
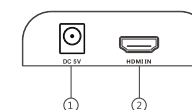
DC5V/1A ×2pcs

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.
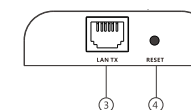
• Installation Requirements

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.
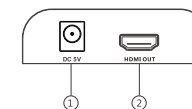
• Panel Description

1. HDMI EXTENDER TX (Sender)
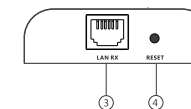

① Power input (DC5V)
② HDMI signal input

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

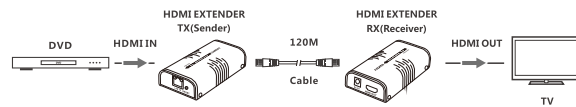## • Installation Procedures

1. How to make a Cat5e/6 network cable

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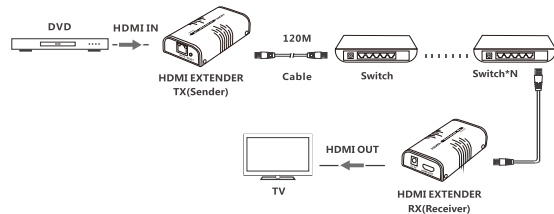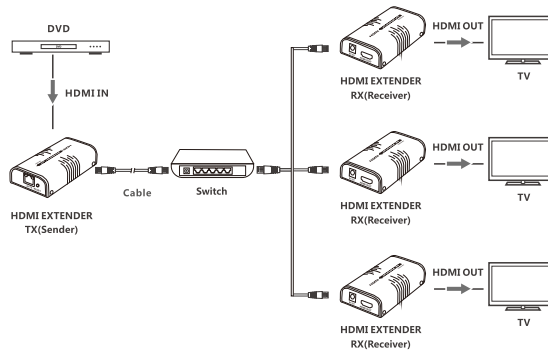|		
1-Orange/white	4-Blue	7-Brown/white
2-Orange	5-Blue/white	8-Brown
3-Green/white	6-Green	

2. Connections

2.1 Point to Point connection: Up to 120 meters transmission dista-
nce over single CAT6 (High quality cable can reach 150 meters) .

DVD — HDMI IN — HDMI EXTENDER TX(Sender) — 120M Cable — HDMI EXTENDER RX(Receiver) — HDMI OUT — TV

2.2 Router Connection: By using network router/repeater, realize
unlimited extension.

DVD — HDMI IN — HDMI EXTENDER TX(Sender) — 120M Cable — Switch — Switch*N — HDMI EXTENDER RX(Receiver) — HDMI OUT — TV

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

DVD — HDMI IN — HDMI EXTENDER TX(Sender) — Cable — Switch — HDMI EXTENDER RX(Receiver) — HDMI OUT — TV (×3)

Note: Gigabit (1000Mbps) switcher is recommended in LAN transmission.

• FAQ

Q : TV display "Waiting for connection" on the right corner?
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	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
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
Working Temperature	0℃ ~ 60℃
Power Supply	DC5V/1A
Power Consumption	TX: 3.5W; RX: 3W
Dimensions	110(W) x 58(D) x 26(H)mm *2PCS
Weight	TX: 125g RX: 120g
Color	Black

Disclaimer