U S E R M A N U A L

HDMI over CAT-6 Extender
3D

Dear customer,

Thank you for purchasing this product. For optimum performance and safety, please carefully read these instructions before use this product. Please keep this manual for future reference.

1.0 INTRODUCTION

This HDMI Extender by uses one piece of CAT-6 Lan cable to extend the HDTV display up to 60M(Max) for 1080P/60Hz. It is not only breaks the limitation of the HDMI cable transmission length，but also has more flexibility and convenience in cable construction.

It is equipped with HDMI (high definition multimedia interface) connector and is capable of supporting DVI (digital visual interface) equipment when used with an HDMI to DVI Adapter, providing greater flexibility and options when integrating several home theater components.

This product offers solutions for residential consumers: HDTV retail and show site, HDTV, STUB, DVD and Projector factories, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

1.1 BENEFITS

1) The length of HDMI cable is fixed and unchangeable after it is produced. Because the HDMI connector can only be soldered or terminated by the professional workers in factory, the end users can not reduce or increase by themselves. However CAT-6 cables are available everywhere and be processed easily by the user or installer.

2) Because the header of the long HDMI cable is big, using it must in hidden method. What's more, it is not easy to bend the HDMI cable and to pull it through the in-wall tube or tray. However, CAT-6 cable has no such problems.

3) Using this product, the transmission distance can be up to 60M for 1080p using CAT6 cable. For the general HDMI cables, they must be customized when the length is over 10 meters.

1.2 FEATURES

This HDMI Extender has many features that enable it to perform in a superior manner. Among those features you will find:

- One pair as a full functional module, no need of setting.
- One piece of CAT-6 cable can substitute HDMI cable to achieve long distance transmission.
- Follow the standard of IEEE-568B.
- Transmission distance can be up to 60M(Max) for 1080p using CAT-6 Cable.
- Auto-adjustment of feedback, equalization and amplify, the user does not need to care about the length of the cable.
- Compact size.
- **Support 3D function**
- Support highest video resolution 1080p.
- Support 165MHz/1.65Gbps per channel (4.95Gbps all channel) bandwidth.
- Support 8bit per channel (24bit all channel) deep color.
- Support uncompressed 2 channel audio such as LPCM.

2.0 SPECIFICATIONS

- Input TMDS signal….....1.2 Volts P-P
- HDMI resolution……1080P/1080i/720P/576P/576i/480P/480i @24/50/60Hz
- Transmission distance……60M(Max) CAT-6
- Video amplifier bandwidth……1.65Gbps/165MHz
- Frequency …….. 24/50/60Hz
- Product dimensions(LxWxH)…… 99x73x27mm

- Box dimensions(LxWxH)…… 245x205x60mm
- Product net weight…… 0.42kg
- Product gross weight……..... 0.88kg
- Operating temperature range…….. 0℃ to +70℃
- Operating humidity range……10% to 85 % RH (no condensation)
- Power adapter……..5V DC /2A
- Power (Max)……..... 5W

Note:

1: In order to achieve the high transmission quality, please choose the shielded CAT-6 cable.

2: The cables with lower quality will not achieve the perfect transmission effect and long distance.

3: Theoretically the function of the product is normal when adopt short distance transmission.

If the product cannot transmit long distance, this is to say, there are quality problems in the transmission cables.

3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

1) Main Transmitter unit
2) Main Receiver unit.
3) 2pcs 5VDC Power Adapter.
4) User Manual.

4.0 Panel Descriptions

5.0 Connection and Operation

1) Connect the HDMI input source (such as HD-DVD, PS3, STB) to the Sender.
2) Connect one piece of CAT-6 cable to both of the output of the Sender and input of the Receiver.
3) Connect the output of Receiver to display (such as HD-LCD、HD-DLP)
4) Plug one power supply into the Sender and the other into the Receiver.

6.0 CONNECTION DIAGRAM