

HDMI KVM EXTENDER

User Manual

HDMI KVM Extender Over TCP/IP

Bring High-Definition to your life!

HDMI KVM Extender Over TCP/IP(200M)

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

1.0 INTRODUCTION

This HDMI KVM Extender is based on TCP/IP standard. It transmits max 200 meters from your HDMI or DVI-D source to HD display by single CAT5e/6 cable. At the same time, it's also convenient to transmit HDMI audio and video source by point-to-point mode, one point-to-many mode and cascade connection mode.

2.0 FEATURES

- 1.Support HDMI 1.3/HDCP1.1&1.2;
- 2.Support input/output resolution:480p,576p,720p,1080p;
- 3.Support point-to-point mode, one point-to-many mode and cascade connection mode;
- 4.802.3 Ethernet standard;
- 5.Support IR control, you can control STB or Blue-Ray DVD at receiving site by remote control;
- 6.The design of pure hardware, plug and play, no need for additional software;
- 7.Support IR remote control 20~60KHz,NEC;
- 8.Support long distance controlled by keyboard and mouse.

3.0 PACKAGE CONTENTS

When first unpacking your extender please check to see if the following items are included:

HDMI Extender Transmitter ----- 1PCS
HDMI Extender Receiver ----- 1PCS
IR Transmitter ----- 1PCS
IR Receiver ----- 1PCS
12V DC Power Supply adapter----- 2PCS
USB Data Cable----- 1PCS
Operation Manual ----- 1PCS

4.0 SPECIFICATIONS

HDMI Version-----HDMI1.3a
Transmitter Input Ports -----HDMIx1(AF),USB(AF)x1
Transmitter Output Ports -----HDMIx1(AF),RJ45x1,IR TXx1
Receiver Input Ports -----RJ45x1,IR RXx1
Receiver Output Ports-----HDMIx1(AF),USB(AF)x2
Frequency Bandwidth-----2.25Gbps (single link)
Input/Output Resolutions-----480p,576p,720p,1080p
Audio-----Sample rate:32kHz,44.1kHz,48kHz
IR remote control-----20~60KHz;NEC

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ESD Protection Human Body Model -----± 8kV (air-gap discharge)
± 4kV (contact discharge)
Operating Temperature-----0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature -----20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity-----20~90% RH (non-condensing)
Dimensions (mm)-----170x81.5x22

5.0 PANEL DESCRIPTIONS

HDMI KVM Extender Transmitter



PWR -----Power Status
Reset----- Reset button
DC/12V-----DC Power input port
PC Input -----USB Input port
Audio Out----- Stereo Output port
HDMI Input ----- HDMI Source port
HDMI Output ----- HDMI Loopout port
Cat5e/6 Output -----Cat5e/6 Output port
IR-TX -----IR TX port

HDMI KVM Extender Receiver



PWR -----Power Status
DC/12V-----DC Power input port
Keyboard/Mouse -----Keyboard/Mouse port
Audio Out -----Stereo Output port
HDMI Output ----- HDMI Output port
Cat5e/6 Input -----Cat5e/6 Input port
IR-RX -----IR RX port

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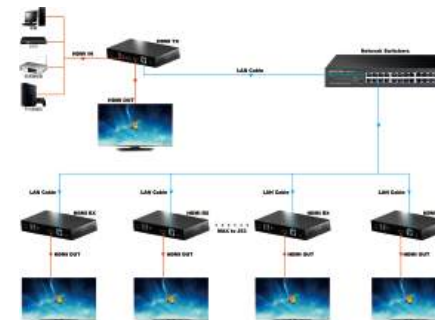
6.0 CONNECTION AND OPERATION

6.01 Transmitter and Receiver one by one application.



- 1.Connect HDMI signal source to the transmitter of HDMI KVM extender;
- 2.Connect USB signal source to the transmitter of HDMI KVM extender;
- 3.Use LAN cable(Recommend:CAT5e/6) to connect transmitter and receiver of HDMI KVM Extender;
- 4.Connect the display equipment with HDMI connector to the receiver of HDMI KVM extender;
- 5.Connect keyboard and mouse to the receiver of HDMI KVM extender;
- 6.Turn on the power of all devices and the product starts to work.

6.02 Transmitter and Receiver one by N application, N can up to 253.



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7.0 INSTALLATION AND PRECAUTIONS

To avoid electric shock , product damage and to protect your safety , please notice the following:

1. Please slowly plug or unplug signal cables and do not often plug , unplug , or shake them.
2. The equipment should not be placed under the sun , rain and damp or unventilated environment.
3. Liquid items should not be placed on the equipment.
4. Do not install the equipment near heat sources such as fire , power , or other amplifiers that produce heat.
5. Do not insert the metal or other objects to the equipment in addition to connecting cables to ports.
6. Do not demolish the equipment by yourself ; it should be maintained by professional maintenance staff.