

HDMI2.0 KVM Extender Over Single CAT5e/6

HDMI KVM EXTENDER

User Manual

HDMI2.0 KVM Extender over Single CAT5e/6 (60M)

(Ultra HD 4Kx2K@60Hz HDCP2.2)

Bring High-Definition to your life!

HDMI2.0 KVM Extender Over Single CAT5e/6

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

The HDMI KVM Extender use single cat-5e or cat-6(recommended) cables up to 60 meters instead of HDMI cable to transmit high definition signal, for cutting down cost.

2.0 FEATURES

- 1.Signal transmission :CAT5e/6(recommended) cables up to 60 meters instead of HDMI cables are connected between TX and RX Extender.
- 2.Support HDMI2.0,HDCP2.2,HDR,18Gbps.
- 3.Support Input/Output resolution:
480i/p,576i/p,720p,1080i/p,4Kx2K@60Hz.
- 4.Support TX of Extender with HDMI Loopout.
- 5.Support video format up to 4Kx2K@60Hz with 24bit RGB/YcbCR
4:4:4/YCBCR4:4:4,and up to 4Kx2K@60Hz with 12bit YCBCR 4:4:4.
- 6.Audio format support:
DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD.
- 7.Support long distance controlled by keyboard and mouse.
- 8.Support IR remote control 20~60KHz,NEC.
- 9.Support Transmitter and Receiver Audio Extract.
- 10.Extend the transmission distance and improve transmission signal.

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
5V DC Power Supply adapter -----	2PCS
USB Data Cable-----	1PCS
Operation Manual -----	1PCS

4.0 SPECIFICATIONS

HDMI Version-----	HDMI2.0
Transmitter Input Ports -----	HDMIx1(AF),USB(BF)x1
Transmitter Output Ports -----	HDMIx1(AF),CAT5e/6x1,IR TXx1
Receiver Input Ports-----	CAT5e/6x1,IR RXx1
Receiver Output Ports-----	HDMIx1(AF),USB(AF)x2
Frequency Bandwidth-----	18Gbps

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Input/Output Resolutions-----	480i/p,576p,720p,1080i/p,4Kx2K@60Hz
Audio -----	Sample rate:32kHz,44.1kHz,48kHz,96KHz
IR remote control-----	20~60KHz;NEC
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



Power -----	DC Power Input Status
USB Input -----	USB Input port
DC/5V-----	DC Power input port
HDMI Loopout -----	HDMI Output port
HDMI IINPUT -----	HDMI Source port
IR TX -----	IR TX port
Audio Out -----	Audio output port
CAT5e/6 Out -----	Cat5e/6 Output port

HDMI KVM Extender Receiver



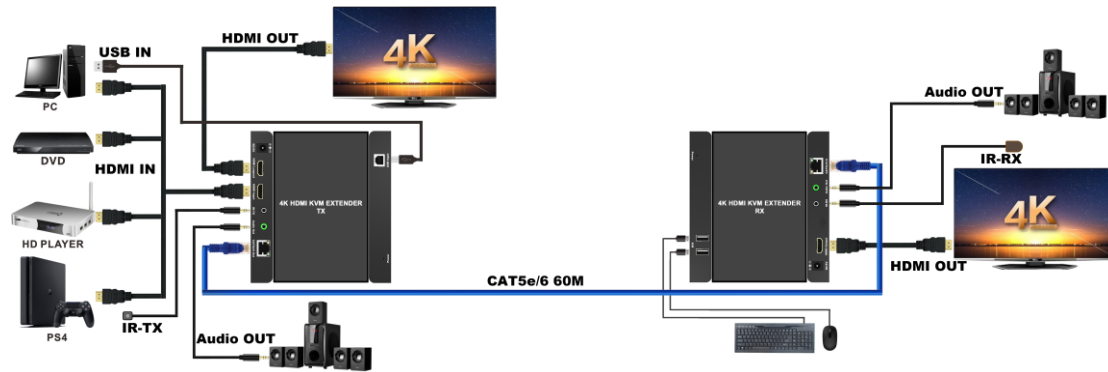
Power -----	DC Power Input Status
K/M -----	Keyboard and Mouse
DC/5V-----	DC Power input port
HDMI Output -----	HDMI Output port
IR RX -----	IR RX port
Audio Out -----	Audio output port
CAT5e/6 In -----	Cat5e/6 Input port

6.0 CONNECTION AND OPERATION

Before installation, please make sure all devices you wish to connect have

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been turned off.



- 6.01. Connect HDMI signal source to the transmitter of HDMI KVM extender;
- 6.02. Connect USB signal source to the transmitter of HDMI KVM extender;
- 6.03. Use LAN cable (Recommend: CAT5e/6) to connect transmitter and receiver of HDMI KVM Extender;
- 6.04. Connect the display equipment with HDMI connector to the receiver of HDMI KVM extender;
- 6.05. Connect keyboard and mouse to the receiver of HDMI KVM extender;
- 6.06. Turn on the power of all devices and the product starts to work.

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.