

HDMI KVM EXTENDER OVER NETWORK CABLE**Dear Customer**

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.

IMPORTANT SAFETY INSTRUCTION**INTENDED USE**

We do not permit using the device in other ways like described in this user's manual. Use the product only in dry interior rooms. Not attending to these regulations and safety instruction might cause fatal accidents, injuries, and damages to persons and property. The manufacturer/supplier assumes no liability for damages caused by failure to comply with the intended use.

**CAUTION**

RISK OF ELECTRIC SHOCK
DO NOT OPEN



To reduce risk of electric shock, this product should **ONLY** be opened by an authorized technician when

service is required. Disconnect the product from mains and other equipment if a problem should occur. Do not expose the product to water or moisture.

- Your product is not a toy and is not meant for children, because it contains small parts which can be swallowed and can injure when used inappropriately!
- Please install the system and devices attached to it in a way that persons cannot be injured, or objects not be damaged for example by dropping or stumbling.
- Please remove the packing materials, because children may cut themselves on them while playing. Furthermore, there is a risk of swallowing and inhalation of incidentals and insulating material.
- Avoid places with high temperatures, or humidity, or places which might come into contact with water. Do not install the product close to openings of air conditioners, or at places with an excessive amount of dust or smoke. Keeps distance from flammable and explosive devices
- Do not install the product at places subject to vibration, or oscillation
- Do not modify and alter the product and any accessories! Do not use any damaged parts.
- Keep enough space around all devices for a good ventilation and free motion and to avoid damages.
- Keep this product away from strong static and magnetic environment.

- Do not unplug when it is in using; do not mix up the transmitter and receiver during installation
- Power supply: DC 5V, usage only the supplied power unit, do not use the power supply if it is damaged. Make sure the specification matched if using 3rd party DC adapters

INTRODUCTION

This is a HDMI KVM Extender with a transmitter unit (local side) and receiver unit (remote side). This HDMI KVM extender transmits HDMI signal up to 120 meters via network cable, and the resolution supported is up to 1080p@60Hz. It allows access to a computer system from a remote console by USB connectors (USB keyboard and mouse).

FEATURES

- 1. Extends HDMI signal up to 120 meters via a single network cable
- The highest resolution supported is up to 1080p@60Hz
- LED indicators, know the status of power and USB connection easily
- Supports KVM function, remote control conveniently
- Supports LAN standard 802.3 Ethernet 10/100/1000Mbps
- Compliant STP and UTP CAT5/5e/6 network cables
- Aluminum alloy housing design, stable and durable

PACKAGE CONTENTS

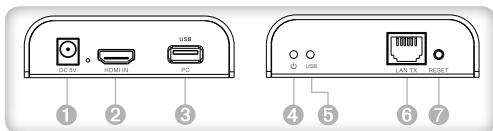
- HDMI KVM Extender TX x 1pc
- HDMI KVM Extender RX x 1pc
- Power adapter x 2pcs
- CD (USB driver software) x 1pc
- User manual x 1pc

INSTALLATION REQUIREMENTS

1. Source device: PC or other device with HDMI graphics card
2. Display devices: with HDMI input port, SDTV, HDTV and monitor
3. Network cables: UTP/STP Cat.5E/6 network cables, which following the standard EIA-568B. Transmission length: Cat.5E – 100m, Cat.6 – 120m

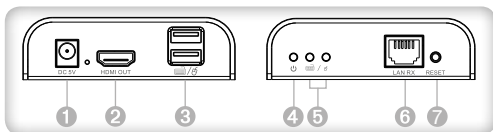
PANEL DESCRIPTION

1. HDMI EXTENDER TX (Transmitter)



- ① Power input (DC5V)
- ② HDMI signal input
- ③ USB port: to connect with PC
- ④ Power indicator
- ⑤ USB connection indicator
- ⑥ LAN signal output
- ⑦ Reset button

2. HDMI EXTENDER RX (Receiver)



- ① Power input (DC5V)
- ② HDMI signal output
- ③ USB port: to connect with keyboard/mouse
- ④ Power indicator
- ⑤ USB connection indicator
- ⑥ LAN signal input
- ⑦ Reset button

INSTALLATION PROCEDURE

How to make a Cat5E/Cat6 network cable

Follow the standard EIA-568B:

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

Install driving Software of computer USB port before using the device

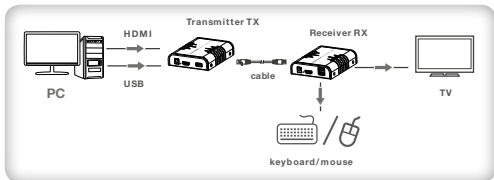
1. Chose English "CH34XSER_Driver" folder
2. No need restart when the installation is completed

SUPPORTED OS AND VERSION

Windows 10, Windows 8, Windows 7, Windows 7 x64, Windows Server 2008, Windows Server 2008 x64, Windows Vista, Windows Vista x64, Windows Server 2003, Windows XP, Windows XP-x64, Windows 2000, Windows ME, Windows 98SE

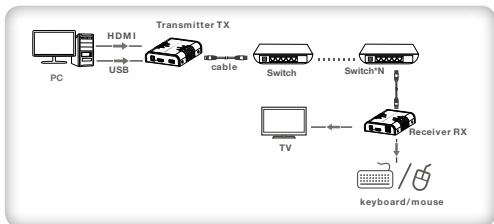
GENERAL CONNECTION

Transmission distance can be up to 120 meters for 1080p over one Cat6.



NOTE: connection via switch (reserved for this use) is supported but it is strongly recommended to use one receiver only at the same time.

SWITCH CONNECTION



NOTE: Transmission distance depends on type of network cable
Cat.5E -> 100m; Cat6 -> 120m

FAQ

Q: Yellow light of Lan port is flashing but slowly?

- A:**
- 1) Check whether HDMI Extender Transmitter and HDMI Extender Receiver is reversed
 - 2) Check whether HDMI source device output HDMI signal correctly
 - 3) Check the HDMI cable of transmitter

Q: Yellow light of Lan port is flashing quickly but no display?

- A:**
- 1) Check whether HDMI cable of Receiver is well connected
 - 2) If the HDMI source is graphic card, please set the resolution to be supported by display
 - 3) Change the HDMI cable of receiver

Q: Yellow Led light of Lan port is not light?

- A:**
- 1) Check connection of network cable
 - 2) Network cable is too long

Q: Abnormal color display or flashing after all the devices are well connected?

A: 1) Pls press reset button of HDMI extender.

2) Make sure the network cable is made according to the standard EIA-568B.

Q: USB does not work?

A: Re-install the driving software, check and make sure the USB cables are connected well, then reset Transmitter and Receiver.

SPECIFICATION

HDMI version	HDMI1.3
HDCP version	HDCP1.2
Video bandwidth	≤70Mbps
HDMI resolution supported	640*480@60Hz, 800*600@60Hz, 1024*768@60Hz, 1280*720@60Hz, 1360*768@60Hz, 1440*900@60Hz, 1400*1050@60Hz, 1680*1050@60Hz, 1920*1080@60Hz
Audio support	PCM (44.1KHz, 48KHz)
HDMI connector	Type A, 19-pin, female
LAN connection	RJ45
Working temperature	0°C ~ 50°C
Relative humidity	10-95% (non condensing)
Power supply	5V / 1A *2pcs
Power consumption	TX<3.5w RX<3.5w
Product dimension	109 x 89.5 x 26.3 mm * 2pcs
Weight	Tx:160g RX:170g
Color	Black

Maintenance: clean only with a dry cloth. Do not use cleaning solvents or abrasives.

Warranty: no guarantee or liability can be accepted for any changes and modifications of the product or damage caused due to incorrect use of this product.

 In compliance with EU Directive WEEE this product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collections system for these products in compliance with WEEE directive, otherwise contaminative and hazardous substances can pollute the environment.

 With the CE sign, Techly® ensures that the product is conformed to the basic European standards and directives.



C E FCC



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