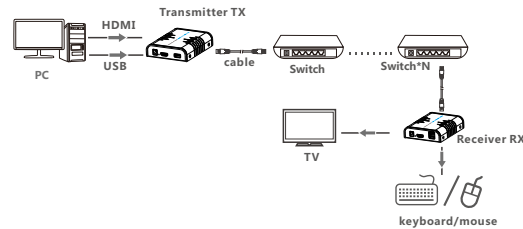NOTE : Point to multi-point connection via switch is supported too,but under point to multi-point configuration, it is strongly recommended to operate KVM function on one receiver only at the same time.

**5.Switch Connection**



NOTE : Transmission distance depends on type of network cable,
CAT5:80m , CAT5E : 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): Change the HDMI cable of Transmitter.

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

A: 1): If HDMI source is graphics card, please set the resolution to be supported by display .

2): Check whether HDMI cable of Receiver is well connected.

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 of IEEE-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 or Receiver.
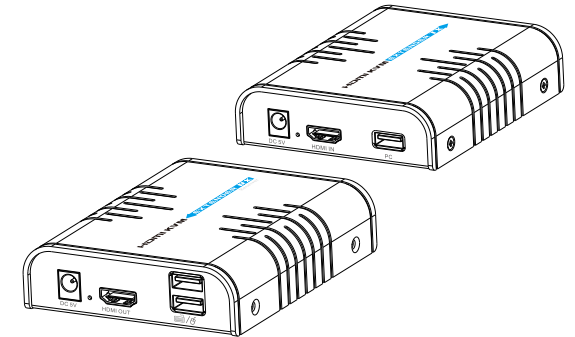
## • Specification

| Items | Specifications |
|---|---|
| HDM version | HDMI 1.3 |
| HDCP version | HDCP1.2 |
| Video bandwidth | ≤70Mbps |
| HDMI resolution supported | 640*480@60Hz     800*600@60Hz     1024*768@60Hz<br>1280*720@60Hz   1360*768@60Hz     1440*900@60Hz<br>1400*1050@60Hz  1680*1050@60Hz  1920*1080@60Hz |
| Audio support | PCM  (44.1KHz, 48KHz) |
| HDMI connector | Type A ,19 pin, Female |
| LAN connector | RJ-45 |
| Operation temperaure | 0℃～50℃ |
| Relative humidity | 10-95% (Noncondensing) |
| Power supply | 5V/1A*2pcs |
| Power Consumption | TX<3.5w    RX<3.5w |
| Dimensions | 109.6(L)x89.5(w)x26.3(H)mm*2pcs |
| Weight | TX:160g    RX:170g |
| Color | black |

### Disclaimer

# HDMI KVM EXTENDER over Network Cable

## User Manual

## • Important Safety Instruction

1.Do not mix up the transmitter and receiver before instruction
2.Do not unplug the device ,when it is in using,keep distance from inflammable and explosive devices.
3.Power Supply :DC 5V ,Use only the supplied power supply unit , Do not use the power supply if it is damaged.

## • Product Introduction

This is a HDMI KVM EXTENDER, is made up of a transmitter unit (local site) and a receiver unit(remote site) . The HDMI signal can be extended 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). It is perfect for factory and construction sites, or any type of installation where the console needs to be in a conveniently accessible location. It is also useful for control and security purposes. Therefore it is wildly used in command center, data control center, operation rooms in military, bank, government, enterprise etc .

## • Features

1.Extend HDMI signal up to 120 meters via a single network cable
2.High resolution supported is up to 1080p@60Hz
3.LED indicators, know the status of power and USB connection easily
4.Support KVM function, remote control conveniently
5.Support LAN standard 802.3  ethernet 10/100/1000Mbps
6.Compliant STP and UTP CAT5/5E/6 network cables
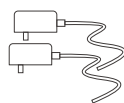7.Aluminium alloy housing design, stable and durable

## • Package Content

HDMI KVM EXTENDER TX  x1pcs          HDMI KVM EXTENDER RX x1pcs
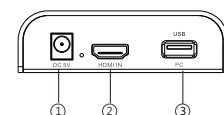
Power supply x2pcs          User manual ×1pcs          CD(USB driver software) x1pcs
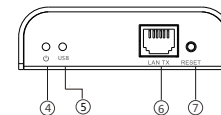
## • Installation Requirements

1. Source devices：PC or other devices with HDMI graphics card
2. Display devices：With HDMI input port,  SDTV, HDTV, and monitor
3. Network cables：
   UTP/STP CAT5E/6 network cables, which following the standard of IEEE-568B.
   Transmission length: CAT5 80m/CAT5E 100m/CAT6 120m.

## • Panel Introduction
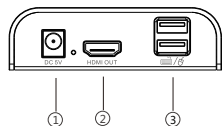
### 1.HDMI EXTENDER TX (Transmitter)

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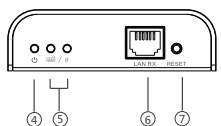② HDMI signal input
③ USB port：to connect with PC
④ Power indicator
⑤ USB connection  indicator
⑥ LAN signal output
⑦ Reset button

### 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
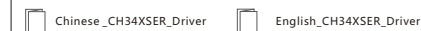⑥ LAN signal  input
⑦ Reset button

## • Installation Procedures

### 1.How to make a CAT5E/6 network cake

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.Install driving Software of computer USB port before using this device

Chinese _CH34XSER_Driver          English_CH34XSER_Driver

2.1 "Chinese _CH34XSER_Driver "is for Chinese version
    "English _CH34XSER_Driver  " is for English version
2.2  No need restart when installation completed

### 3. Supported OS and version

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

### 4、General Connection

Transmission distance can be up to 120 meters for 1080p over one CAT6

HDMI

Transmitter TX          Receiver RX

USB          cable

PC          TV

keyboard/mouse