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

Please read below safety instructions carefully before installation and operation:

Please pay attention to all the warnings and hints on this device.
Do not expose this unit to rain, moisture and liquid.
Do not put any stuff into the device.
Do not repair or open this device without professional people's guidance.
Make sure good ventilation openings to avoid product overheating damage.
Shut off power and make sure environment is safe before installation.
Do not plug-in/out the connected cables when it is in using.
Make sure the specification matched if using 3rd party DC adapters.

Disclaimer

The product name and brand name may be registered trademark of related manufacturers TM and ® may be omitted on the user manual. The pictures on the user manual are just for reference, and there may be some slight difference with the real products.
We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.

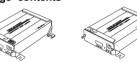# HDMI Extender KVM over LAN Cable
—— Lossless Non Delay ——

1.Introduction
This product extend FULL HD HDMI signal up to 100 meters via a single CAT cable, without any video loss and time delay. And also support USB keyboard&mouse transmit over 80meters on the same CAT cable. It has many professional designs which suitable for various application scenario, especially for engineering project usage. Such as PoE,5V-12V wide range power supply, mountable aluminum alloy shielding.

2.Features
1. Extend FULL HD HDMI signal over 100 meters via single CAT cable.
2. Extend USB signal over 80 meters simultaneous.
3. No video loss, no time delay.
4. Wide range power supply.

3.Package contents

HDMI TO RJ45 TX sender   RJ45 TO HDMI RX receiver   DC Adapter
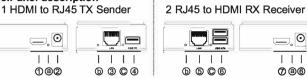
4. Installation Requirements
1. HDMI source devices: with HDMI OUTPUT interface, DVD, PS3, STB, PC etc.
2. Display devices:With HDMI INPUT port, SDTV, HDTV, projector
3. Network cables:
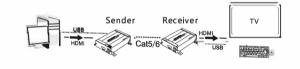UTP/STP Cat5/Cat5e/Cat6/Cat6e network cables, which following the standard of IEEE-568B.

5.Panel description
1 HDMI to RJ45 TX Sender   2 RJ45 to HDMI RX Receiver

1 HDMI IN: HDMI signal input to connect with HDMI source device.
2 DC 5~12V:Power input
3 LAN: signal output
4 USB PC: Connect computer
5 LAN: signal input
6 USB K/M: Connect the keyboard and mouse
7 HDMI OUT: HDMI signal output to connect with HDMI display device.
8 DC5~12V: Power input
ⓐ Power LED:Light ON when power on.
ⓑ Data LED: Gradually light = No Signal
　　　　　　　Light Flashing = HDMI Data Transmitting
ⓒ KVM LED:
　　Gradually light = No KVM Signal
　　Light Flashing = KVM linked

5.. Connections

Sender   Receiver   TV

7.Specification

Standard Power Input	5V~12V
Power Consumption	3W
HDMI Port	HDMI A Type Female
USB Port	Receiver: USB A type Female * 2 connect to peripheral device Sender: USB A type Female * 1 connect to HOST device
Link Connection	Cat5/5e/6 Cable
HDMI Transmission Distance	1000Meters
USB Transmission Distance	80Meters
USB Device Supported	Keyboard/Mouse and HID devices
HDMI Resolution Supported	1080p@60Hz / 1080p@50Hz / 1080p@30Hz / 1080p@25Hz 720p@60Hz / 720p@50Hz 480p@60Hz
Package Contents	Sender *1　　Receiver *1　　Power Adaptor *1 Manual *1　　USB AtoA Cable *1
Operating	-20°c ~ 70°c
Storage Temperature	-40°c ~ 80°c
Humidity	20% ~ 90% RH(non-condensing)

HDMI Extender over Single CAT cable
—— Lossless Non delay ——

1.Introduction
This product extend FULL HD HDMI signal up to 120 meters over a single CAT cable,without any video loss and time delay. It also have many professional designs which suitable for various application scenario, especially for engineering project usage.Such as 5V-12V wide range power supply, PoE, mountable aluminum alloy shieding.

2.Features
1. Extend FULL HD HDMI signal over 120 meters via singal CAT cable
2. No video loss, no time delay.
3. Wide range power supply

3.Package contents

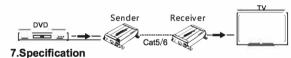HDMI TO RJ45 TX sender   RJ45 TO HDMI RX receiver   DC Adapter   (optional) IR Blaster IR Receiver

4. Installation Requirements
1. HDMI source devices: with HDMI OUTPUT interface, DVD, PS3, STB, PC etc.
2. Display devices:With HDMI INPUT port, SDTV, HDTV, projector
3. Network cables:
UTP/STP Cat5/Cat5e/Cat6/Cat6e network cables, which following the standard of IEEE-568B.

5.Panel description
1 HDMI to RJ45 TX Sender   2 RJ45 to HDMI RX Receiver

IR(optional) ①②②   ⓑ ③   ⓑ ④   IR(optional)

1 HDMI IN: HDMI signal input to connect with HDMI source device.
2 DC 5~12V:Power input
3 LAN: signal output
4 LAN: signal input
5 HDMI OUT: HDMI signal output to connect with HDMI display device.
6 DC5~12V: Power input
ⓐ Power LED:Light ON when power on.
ⓑ Data LED: Gradually light = No Signal
　　　　　　　Light Flashing = HDMI Data Transmitting

6. Connections

DVD   Sender   Receiver   TV
　　　　　　　Cat5/6

7.Specification

Standard Power Input	5V~12V
Power Consumption	3W
HDMI Port	HDMI A Type Female
Ethernet Port	RJ45
Link Connection	Cat5/5e/6 Cable
Transmission	120Meters Max
Resolution Supported	1080p@60Hz / 1080p@50Hz / 1080p@30Hz / 1080p@25Hz 720p@60Hz / 720p@50Hz 480p@60Hz
Operating	-20°c ~ 70°c
Storage Temperature	-40°c ~ 80°c
Humidity	20% ~ 90% RH(non-condensing)

HDMI Extender over Coaxial
—— Lossless Non Delay ——

1.Introduction
This product extend FULL HD HDMI signal up to 300 meters over a single coaxial cable,without any video loss and time delay. It also have many professional designs which suitable for various application scenario, especially for engineering project usage. Such as 5V-12V wide range power supply, mountable aluminum alloy shieding.
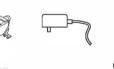
2.Features
1. Extend FULL HD HDMI signal over 300 meters via singal coaxial cable
2. No video loss, no time delay.
3. Wide range power supply

3.Package contents

HDMI TO Coaxial TX sender * 1pc   Coaxial TO HDMI RX receiver * 1pc   DC 5V * 2pc   (optional) IR Blaster IR Receiver

4. Installation Requirements
1. HDMI source devices: with HDMI OUTPUT interface, DVD, PS3, STB, PC etc.
2. Display devices:With HDMI INPUT port, SDTV, HDTV, projector
3. Coaxial cables:

5.Panel description
1 HDMI to Coaxial TX Sender   2 Coaxial to HDMI RX Receiver

IR(optional) ①②②   ③③   ④④   IR(optional) ⑤⑥⑥

1 HDMI IN:HDMI signal input to connect with HDMI source device.
2 DC 5~12V:Power input
3 COAXIAL: Coaxial signal output
4 COAXIAL: Coaxial signal input
5 HDMI OUT: HDMI signal output to connect with HDMI display device.
6 DC 5~12V: Power input
ⓐ Power LED:Light ON when power on.
ⓑ Data LED: Gradually light = No Signal
　　　　　　　Light Flashing = HDMI Data Transmitting 。

6.Installation procedures
. Connections

DVD   Sender   Receiver   TV

7.Specification

Standard Power Input	5V~12V
Power Consumption	3W
HDMI Port	HDMI A Type Female
Coaxial Port	BNC
Link Connection	Coaxial Cable
Transmission	200Meters Max
Resolution Supported	1080p@60Hz / 1080p@50Hz / 1080p@30Hz / 1080p@25Hz 720p@60Hz / 720p@50Hz 480p@60Hz
Operating	-20°c ~ 70°c
Storage Temperature	-40°c ~ 80°c
Humidity	20% ~ 90% RH(non-condensing)