

## USER MANUAL

### VHDI-0120M

#### HDMI Extender over cat5



Our HDMI extender via cat5/6 is used to extend HDMI video and digital audio from DVD , Player ,Computer ect via cat5 up to 120m or cat6 up to 150M together with IR control.

The Kit device includes in a transmitter and a receiver . It apply to TCP/IP standard to transmit HD video and audio signal in LAN. It support point to point , point to multi- point ,cascade connection application .

#### Features

- \* Support HDMI 1.3/HDCP1.1 & 1.2
- \* Extend transmission distance is up to 150M via cat5 /6
- \* Support IEEE 802.3 Local Area Network (LAN) protocols
- \* Support IR remote control to front Blu-ray ,DVD ect by controlling the receiver end 's IR control
- \* Support point to point , point to multi-point and cascade connection application
- \* LED indicator to show work status of PWR or data

## Caution

### 1. Handle this product with care

Avoid any shock or bumping of the product. Improper handling could damage the product. Do not handle the unit with wet hands. Provide proper ventilation and air circulation and do not use near water.

### 2. Requires a proper operating environment

This product is not waterproof and is designed for indoor use. The allowable temperature range for operation of this product is between 0C~40C / 32°F~104°F.

### 3. Check the power source voltage

The power source voltage should be within the specified range. (Product must meet the specifications).

### 4. Objects and liquid entry

Never push objects of any kind into this product as this may touch dangerous voltage points of short out parts that could result in a fire or electric shock. Never spill any kind of liquid on the product.

### 5. Cleaning

Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

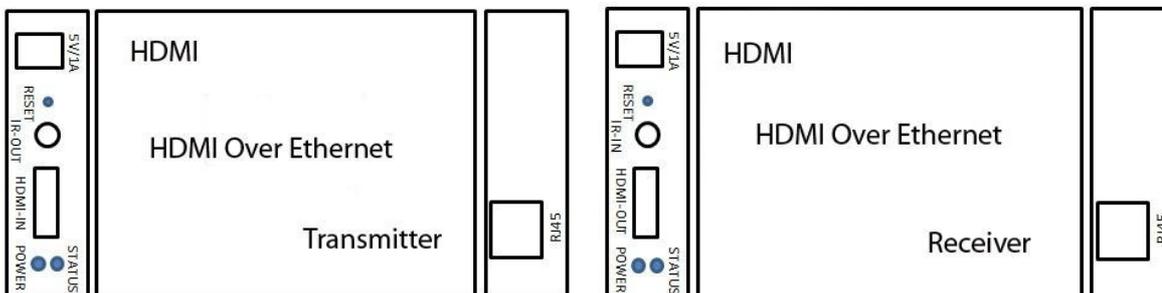
### 6. Servicing

Do not attempt to service this product by yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all service to qualified servicing personnel.

## Package Content

1. One (1) HDMI extender --transmitter
2. One (1) HDMI extender --receiver
3. One (1) User Manual
4. Two (2) AC Adapter : DV 5V, 1A
5. Two (2) IR control wires

## Panel Description



HDMI transmitter

HDMI Receiver

## LED indications description :

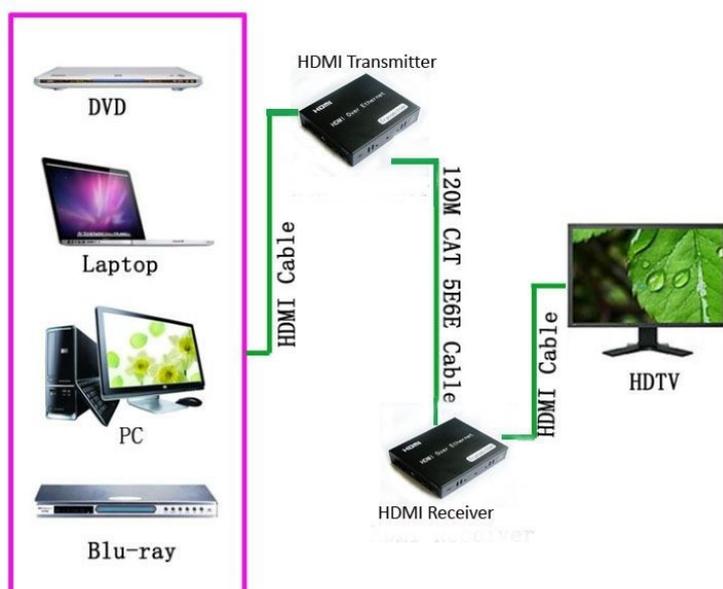
5V/1A	Supply power
RESET	Hold down the key for 10 seconds, the model will Restore the default setting
IR-OUT	Connect IR receiver wire to this Port
HDMI - IN	Connect HDMI Source to this Port.
STATUS	When system start up, the Green LED will be on, When transmit video, the led will blink.
IR-IN	Connect IR transmitter wire to this Port.
HDMI - Out	Connect HDMI display device to this Port.
Power	Power on, The Red led is on

## Specification

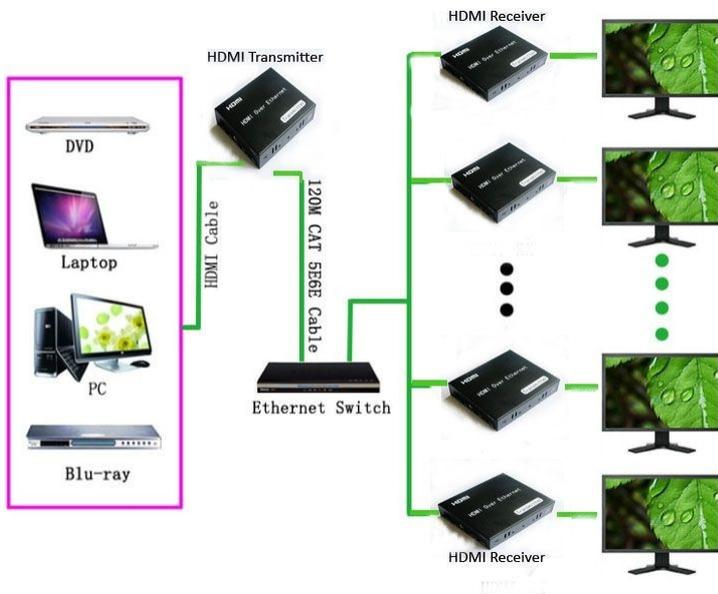
Type	HDMI extender over cat5/6
HDMI Resolutions	480p,576p,720p 25/30/50/60,1080p 25/30,1080P50/60
Audio	Sample rate: 32kHz, 44.1kHz and 48kHz
IR remote control	38KHz; NEC
HDMI	HDMI 1.3
HDCP	HDMI 1.2
Power adapter	Input: 100V - 240V (50 - 60Hz)Output: 5V/1A
Power consumption	HDMI Sender: 3W HDMI Receiver: 3W
Size(L-W-H)	100×60×25mm
Weight	70g
Operating Temperature/Humidity	0°C - 70°C / 10% - 80%RH(no condensation)
Storage Temperature/Humidity	-10°C - 80°C/ 5% -90% RH(no condensation)

## Application

1) 1 transmitter to 1 receiver application



## 2) 1 transmitter to N receiver application :



### Note :

In the application of One point to Multi-point by Lan switch , It is better that Switcher support Vlan function. So we could transmit video signal and network data by two different channels . If we transmitted video signals and network data in one same channel, The network data would possibly be down.

In Multi-point to Multi-point application, The switcher is not available . It must be applied to special HDMI Matrix switcher.

### 5. InstallGuide

- 1) Connect the HDMI source (such as DVD, PS3, STB ) to the HDMI IN of Transmitter.
- 2) Connect the HDMI out of Receiver to HDTV display.
- 3) Use one Cat5e/6 cable up to 150m to connect the Transmitter and Receiver.
- 4) Connect IR receiver wire to the Transmitter IR Out port and the IR transmitter wire to the Receiver IR IN Port.
- 5) Plug two pieces of 5V power supply into the Transmitter and Receiver.
- 6) Power on the HDTV display and HDMI source.

### 6. Warranty

#### LIMITED ONE (1) YEAR WARRANTY AND EXCLUSIONS

Manufacturer warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Manufacturer is free of defects in materials and workmanship under normal and proper use for one (1) year from the purchase date.

Manufacturer's only obligation is to correct such defects by repair or replacement, at its option, if within such one (1) year period the product is returned prepaid, with proof of purchase date, and a description of the problem. This warrant excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is voided if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness or a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warrant, including merchantability and fitness of or a particular purpose, is limited to one (1) year.

Manufacturer is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, loss sales or profits or delay or failure to perform this warranty obligation. The remedies, provided therein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.