HDMI CAT5 Extender Series

ITEM NO.:   VHE-100 HDMI CAT5 Extra Long Rang Extender over Single CAT5 Cable 100 Meters

VHE-100 HDMI Extra Long Range CAT5 Extender is using only one cost effective CAT5E/6 cable to extend your HDTV display up to 100 meters at 1080p.   With high quality uncompressed video to delivers significant value to the entire home and commercial entertainment system.
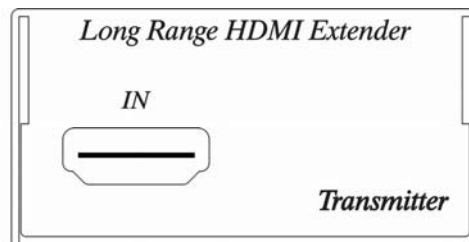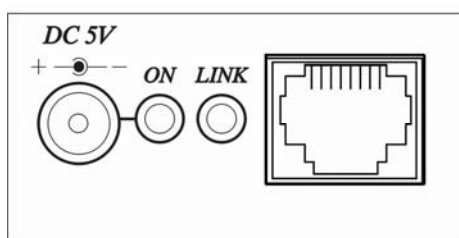

VHE-100 HDMI CAT5 Extra Long Range Extender over Single CAT5 cable Features:
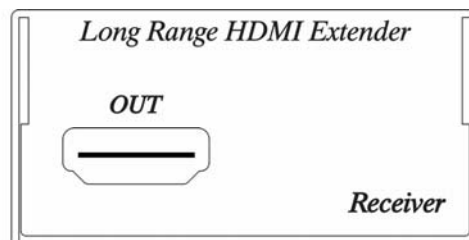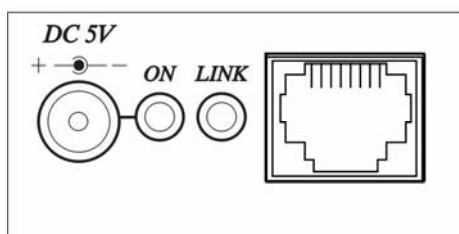
- **Extends HDMI Signal over one CAT5/5e/6 cable.**

- **Uncompressed high definition video up to 1080p@60Hz@48bits and 3D capable.**

- Max. Data Rate- 10.2Gbps.

- HDMI 1.4 and HDCP compliance.

- Transmission range up to 100 meters at 1080p resolution.
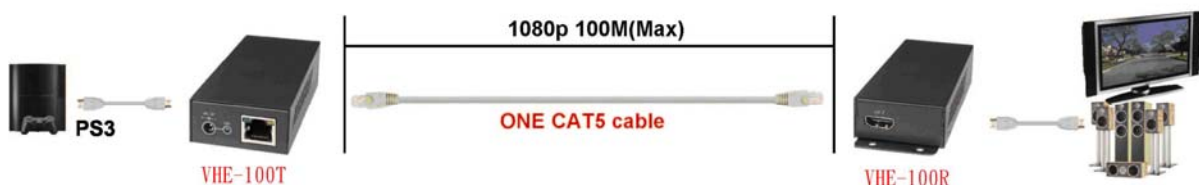
Panel view:
VHE-100T

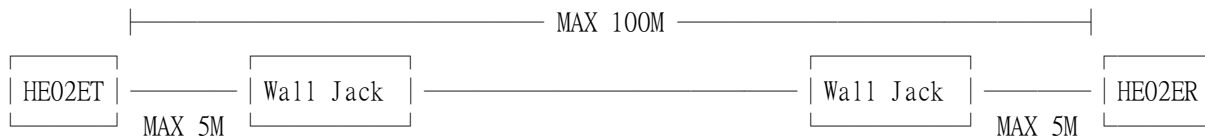**VHE-100R**

Installation view:

Cable:

Link cable recommend use high quality Cat.5e、Cat.6、Cat.6a、Cat.7 UTP / STP or FTP cable.

Transmission Distance:

The maximum transmission distance up to 100meters, use lower resolution won't extend longer distance

If connection through the wall socket, the cable length must less 5 meters between HDMI extender and wall jack, as below drawing:

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                    |———————————————— MAX 100M ————————————————|
| HE02ET |————| Wall Jack |——————————————| Wall Jack |————| HE02ER |
          MAX 5M                                        MAX 5M
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RJ45 Define:
Video Link (TIA/EIA-568-B)
1. Orange-white   DATA0 +
2. Orange   DATA0 -
3. Green-white   DATA1 +
4. Blue   DATA2 +
5. Blue-white   DATA2 -
6. Green   DATA1 -
7. Brown-white   DATA3 +
8. Brown   DATA3 -

Caution:

1. The wiring must away from any equipment with electromagnetic wave, i.e.: mobile phone, microwave, radio equipment, fluorescent lamp, high voltage power lines.

2. This device is not network equipment, do not connect with Network to avoid damage.

3. IR transmitter do not put near from receiver to avoid mutual interference.

Package Include:
Transmitter x 1 piece
Receiver x 1 piece
Power adapter x 2 pieces

Specification:

ITEM	VHE-100T	VHE-100R
Resolution	Up to 1080p / 60Hz / 48 bit	
Distance	100M (Max)	
HDMI Connector	Type A	
Power Supply	Regulated 5V / 2A	
Power Consumption	600 mA (Max)	1200 mA (Max)
Temperature	Operation: 0 to 55°C,　Storage: -20 to 85°C	
Humidity	Up to 95%	
Dimensions	49.2*92*25　(mm)	
Weight	120 g	135 g

RoHS CE FC C