

**Note:**1: In order to achieve the high transmission quality, please choose the shielded CAT-6 or CAT-7 cable.  
 2: The cables with lower quality will not achieve the perfect transmission effect and long distance.  
 3: Theoretically the function of the product is normal when adopt short distance transmission.

If the product cannot transmit long distance, this is to say, there are quality problems in the transmission cables.

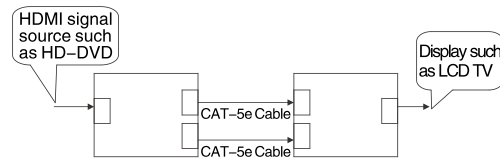
**3.0 CONNECT AND OPERATE**

- 1)Connect the HDMI input sources such as: HD-DVD、PE3、STB etc.
- 2)Connect two CAT-6 cables to both the output of the sender and input of the receiver.
- 3)Connect the HDMI output(such as: HD-LCD、HD-DIP) into receiver.

**Attention:** Insert / Extract cable gently.

3.1 CONNECTION DIAGRAM

**DIAGRAM:**



**4.0 TROUBLESHOOTING**

If the product doesn't appear to be functioning, make certain that there are four points you should pay attention. First, check the connection between the HDMI cable and the extender correctly. They all should be connected with a length 6 feet or less. (In other words, make certain that the problem is not caused by long cables).

Second, measure the cable length you are attempting to use between the sender and the receiver. They all should connect correctly by Cat-6 cable for 1080p. then: they can reach the length of 30m. And if use cate5/6 cable for 480p, they can reach 60m.

If the signal is present under those conditions, make certain that the power is present to the product. If it is, all cables should be premium quality.

Lastly, inspect the cables and connectors for damage.

**HDMI EXTENDER**

**User Manual**

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**HDMI EXTENDER 30M/60M (By CAT-5e 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.

**1.0 INTRODUCTION**

This kind of HDMI Extender by CAT-5e/6 uses two pieces of CAT-5e/6 cables to extend the HDTV display up to 30 meters /60M for 1080p using Cat cable. It not only breaks the limitation of the HDMI cable transmission length, but also CAT-5e has more flexibility and convenience in cable construction.

It is equipped with HDMI (high definition multimedia interface) connectors and is capable of supporting DVI (digital visual interface) equipment when used with an HDMI to DVI Adapter, providing greater flexibility and options when integrating several home theater components.

This product offers solutions for residential consumers: HDTV retail and show site, HDTV, STB, DVD and Projector factories, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

**1.1 BENEFITS**

- 1) The length of HDMI cable is fixed and unchangeable

after it is produced. Because the HDMI connector can only be soldered or terminated by the professional workers in factory, the users can not reduce or increase by themselves. However CAT-5e/6/7 cable are available everywhere and be processed easily by the user or installer.

- 2) Because the header of the long HDMI cable is big, using it must in hidden method. What's more , it is not easy to bend the HDMI cable and to pull it through the in-wall tube or tray. However, CAT-5e/6/7 cable has no such problems.

Using this product, the transmission distance can be up to 30 meters for 1080p while using CAT-6/7 cable. For the general HDMI cables, they must be customized when the length is over 10 meters.

**1.2 FEATURES**

The series of the HDMI Extender have many features that enable them to perform in a superior manner. Among those features you will find:

- One pair as a full functional module, no need of setting.
- CAT-5e/6/7 cable can substitute HDMI cable to achieve long distance transmission.
- Follow the standard of IEEE-568B.
- Transmission distance can be up to 30 meters for 1080p while using CAT-6/7 cable.
- Compact size.
- Signaling rates up to 2.25Gbps in support of 1080p display.
- HDCP compliant.

**2.0 SPECIFICATIONS**

Signal Inputs/Output	1
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920X1080, 1080P
Output Video	HDMI 1.2a
Video format supported	
DTV/HDTV	1080P/1080i/720P/576P/480P/576i/480i
Transmission distance	30M/60M
Using CAT/6/7 Cable	30M for 1080P
Using Catere5/6/7 cable	60M for 480P
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i, 576i, 1080i
Progressive(50&60Hz)	480p, 576p, 720p, 1080p
Mechanical	
Size(W-H-D)	80mmH *43mmW *23mmD
Power Consumption	0.5Watts(max)
Warranty	1 year
Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0 to +70°C
Operating Humidity	10% to 85% RH(no condensation)
Storage Temperature	-10°C to 80°C
Storage Humidity	5% to 95% RH(no condensation)
Power Requirement	
External Power Supply	(Not need)
Converter Unit	FCC, CE
Power Supply	CE, FCC
Accessories Adapter	(Not need)
AC Power Adapter	(Not need)
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