

HDMI1.3 Extender over Dual cat5e/6(30m)

Thank you for purchasing our product. To ensure safety and many years' trouble-free operation of the product, please read the manual carefully before using this product.

1.0 Introduction:

This is an equipment of extending HDMI signal. It can extend the HDMI signal to 30 meters by two cat5e / 6 cable, and support 1080P@50/60Hz resolution. Breakthrough the limitation of the HDMI signal cannot long distance transmission. Wiring installation becomes convenient and saving the costs of HDMI signal transmission.

2.0 Features:

1. Fully HDMI 1.3 specification compliant. It is applicable to source device and high definition display device ,such as DVD and HDTV which have HDMI Ports or digital ports and are compliant with HDCP protocol.
2. Full HD 1080P extension to 30m.
3. Support high resolutions up to 1920*1200,including 480i/p,576i/p,720i/p,1080i/p.
4. Support 30/36 dark, extended color space support, including:SYCC601、 Adobe RGB、 AdobeYCC601
5. Blu-ray DVD 24/50/60fs/HD-DVD/xvYCC.
6. Audio formats DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3 and DSD.
7. Extend the transmission distance and improve transmission signal.
8. Compatible with DVI by using HDMI to DVI adapter.
9. Plug- and -play.
10. Metal casing design and overall shielding without signal interference.
11. Led indicates signal and power mode.
12. Power supply (please refer to technical parameter).
13. Support 3D

3.0 Packaging accessories:

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- (1)HDMI EXTEDNER(TX)-----1 PCS
- (2)HDMI EXTEDNER(RX)-----1 PCS
- (3) 5V DC Power Adaptor-----1 PCS
- (4)User Manual-----1 PCS

4.0 Specification:

HDMI version-----HDMI 3D

HDCP version-----HDCP1.2
 Support HDMI resolution-----1080P/1080i/720P/576P/576i/480P/480i
 Support video color bit-----deep color 24bit/36bit
 Support audio format-----LPCM/Dolby-AC3/DST7.1/DSD
 Input video signal-----5.0Volts P-P
 HDMI Input cable distance-----≤5 Meter
 Network cable-----≤30 Meter
 HDMI Output cable distance-----≤5 Meter
 Data transfer speed-----6.75Gbps-10.2Gbps
 Operating Humidity range-----5 to 90%RH(No Condensation)
 Operating Temperature range----- -15 to+55°C(5 to 131 °F)
 Power adapter format-----Input AC(50Hz-60Hz)100-240V
 Power supply----- DC 5V

5.0 Panel descriptions:

Please study the panel drawings below and become familiar with the signal input(S),output(S)and power requirements.

TX Panel



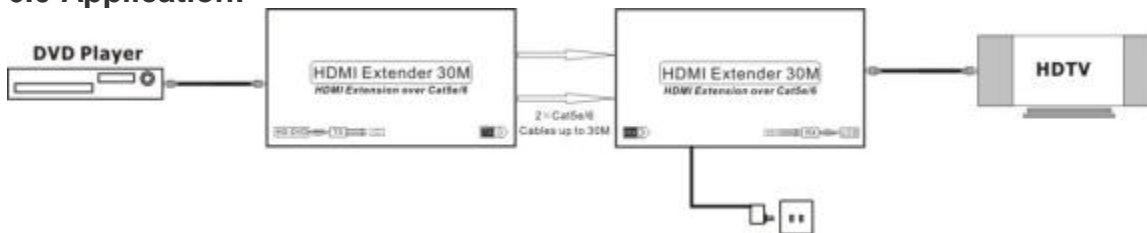
HDMI Source-----HDMI input interfaces
 S2-----Power Indicator
 S1-----HDMI signal Indicator
 CAT5e/6-1-----cat5e/6 output port-1
 CAT5e/6-2-----cat5e/6 output port-2

RX Panel



CAT5e/6-1-----cat5e/6 input port-1
 CAT5e/6-2-----cat5e/6 input port-2
 S1-----HDMI signal Indicator
 S2-----Power Indicator
 HDMI LCD-----HDMI output interfaces

6.0 Application:



- 6.01 Connect the signal source(such as HD-DVD,PS3,STB)with HDMI input interfaces.
- 6.02 Connect the display devices(such as HD-LCD,HD-DLP)with HDMI output interfaces.
- 6.03 Connect the Cat5e/6-1 of TX to the Cat5e/6-1 of RX with network cable EIA / TIA 568B.
- 6.04 Connect the Cat5e/6-2 of TX to the Cat5e/6-2 of RX with network cable EIA / TIA 568B.

WARNING

To Reduce the risk of fire electric shock or product damage:

- 1、 Do not expose this equipment to rain, moisture, dripping or splashing liquids and make sure that sure that no objects filled with liquids, such as vases, are placed on or near the equipment.
- 2、 Ensure the units are well ventilated. Do not install or place the units in a book case, built-in cabinet or other confined space.

- 3、 Do not install near heat sources such as radiators, heaters, or fires.
- 4、 Do not place sources of naked flames, such as lighted candles on the unit.
- 5、 Clean this apparatus only with a dry cloth.
- 6、 Unplug the power adaptor from the mains during thunder storms or when the equipment is not in use for a long time.
- 7、 Position the power cord and units carefully to avoid accidents of damage to your equipment.
- 8、 Only use the power adaptor supplied or one with the same rating.
- 9、 Only use accessories specified by the manufacture.
- 10、 Don not open casing there are no user serviceable parts, Refer all servicing to qualified service personnel.