

Ultra HD 4Kx2K HDMI Extender over Single cat5e/6 (100M)

HDMI EXTENDER

User Manual

HDMI Extender over Single cat5e/6 (100M)

(Ultra HD 4Kx2K)

Bring High-Definition to your life!

Ultra HD 4Kx2K HDMI Extender over Single cat5e/6 (100M)

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.

The pictures and technical parameter involved are only for your reference, As for specific circumstances, please be subject to the actual product.

1.0 Introduction

The 4K 100M HDMI extender uses one single Cat5e/6(recommended)cable instead of HDMI cable,you can extend the 4K signal to 100 Meters.The purpose of the extender is to achieve long-distance signale transmission with low- cost wires.

2.0 Features

- 1.Signal transmission :cat5e or cat-6(recommended) cables up to 100 meters instead of HDMI cables are connected between TX and RX Extender;
2. Support HDMI1.4v;
- 3.Support input/Output Resolution :
4Kx2K@30Hz/1080p/1080i/720p/576p/576i/480p/480i;
4. Support CEC;
5. Audio format support :
DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD;
- 6.No loss of quality;
- 7.Installs in minutes;
- 8.Need DC5V/1A power supply.

3.0 Packaging Accessories

When first unpacking your extender please check to see if the following items are included:

- 1.HDMI Transmitter -----1PCS
- 2.HDMI Receiver -----1PCS
- 3.Power supply-----2PCS
- 4.User manual-----1PCS

4.0 Specification

Length of CAT-6 cable between Transmitter and Receiver-----Up to100 meters
HDMI Input/Output-----4Kx2K/1080p/1080i/720p/576p/576i/480p/480i
Support audio format -----DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Max bandwidth-----340MHz
Max baud rate-----10.2Gbps
Input Video signal -----0.5~1.5Volts p-p
Output DDC signal-----5Volts p-p (TT1L)
Input/Output HDMI cable distance-----≤15m AWG26 HDMI standard cable

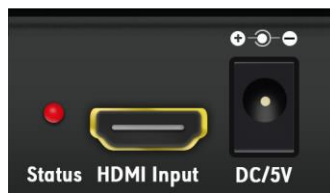
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Max working current-----800mA
Power adapter format -----Input:AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A
Operating Temperature range----- (-15 to +55℃)
Operating Humidity range-----5 to 90%RH (No Condensation)
Dimension(L x W x H)-----82x43.5x23.5mm

5.0 Panel Descriptions

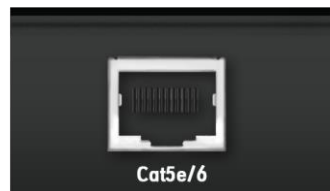
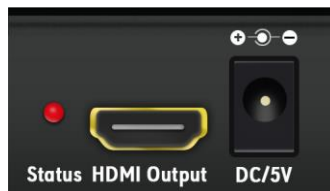
Please study the panel drawings below and become familiar with the signal input(S),output(S)and power requirements.

Transmitter Panel



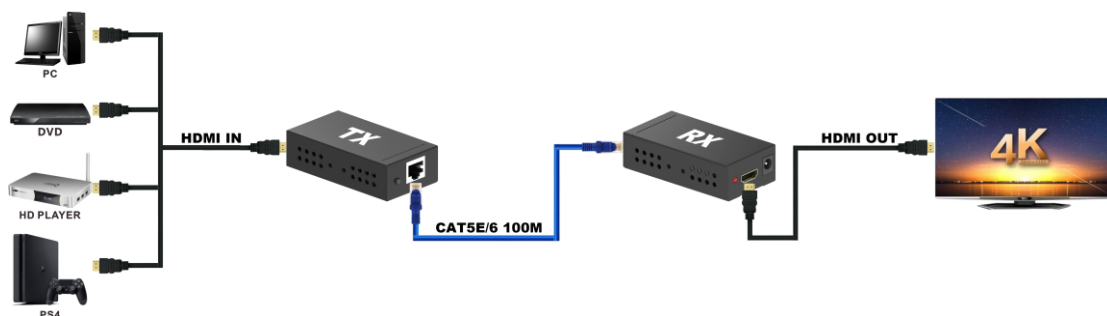
Status -----Power/HDMI Status indicator
HDMI Input -----HDMI Input port
DC/5V-----DC Power Input Port
EDID-----Resolution switch
Cat5e/6 -----Network cable output port

Receiver Panel



Status -----Power/HDMI Status indicator
HDMI Output -----HDMI Output port
DC/5V-----DC Power Input Port
Cat5e/6 -----Network cable input port

6.0 Connect and Operate



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- 6.01 Connect source device with transmitter by one HDMI cable(Max=10M).
- 6.02 Connect display device with receiver by one HDMI cable(Max=10M).
- 6.03 Connect TX with RX by one cat5e/6(Max=100M).
- 6.04 Connect the power supply to the TX and RX.
- 6.05 LED indicator:When a signal is input to work,steady blue light.

7.0 Installation and precautions

To avoid electric shock , product damage and to protect your safety , please notice the following:

1. Please slowly plug or unplug signal cables and do not often plug , unplug , or shake them.
2. The equipment should not be placed under the sun , rain and damp or unventilated environment.
3. Liquid items should not be placed on the equipment.
4. Do not install the equipment near heat sources such as fire , power , or other amplifiers that produce heat.
5. Do not insert the metal or other objects to the equipment in addition to connecting cables to ports.
6. Do not demolish the equipment by yourself ; it should be maintained by professional maintenance staff.