

HDMI UTP EXTENDER
Model: PW-HT231H

USER
MANUAL

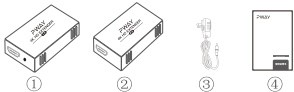
1. Description

The HDMI extender provides extension of HDMI signals long distances over a single Cat6 cable, it supports high resolution up to 4K*2K@30Hz. The extender can use for a wide range of applications requiring long distance transmission of high resolution, It is a reliable, high performance and efficient HDMI signal extension method.

2.Features

- Transmits HDMI video and audio signals up to 100M over a single Cat6 cable.
- Support video resolution up to 4K*2K@30Hz.
- Compliance with HDMI 1.4 standard protocol.
- Support HDCP1.4 --- High-bandwidth digital content protection technology;
- Can automatically identify and configure various display modes.
- Built-in automatic adjustment system, make the image smooth, clear and stable.
- Easy to install, plug and play.

3. Packing list



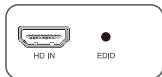
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|---------------------|-------|----------------|-------|
| ① HDMI Transmitter | 1 pcs | ② HDMI Receive | 2 pcs |
| ③ The power adapter | 1 pcs | ④ User manual | 1 pcs |

4. Specifications

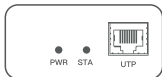
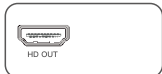
Video	Standards	HDMI 1.4
	Maximum pixel clock	225MHz
	Maximum data rate	10.2Gbps
	Resolution range	Up to 3840x2160@30Hz, 1920*1080@60Hz
	Connector	HDMI-A Interface
	Impedance	100Ω
Ethernet	HDMI Cable Range	<5M(Resolution: 1920*1080@60Hz)
	Interface	RJ45
Other	Transmission distance	CAT6---100M, CAT5E---80M
	Power supply	DC 12V/1A
	Power dissipation	MAX 3.6W
	Temperature	Operating: -5℃ ~ +70℃
	Humidity	Operating: 5% ~ 90%
	Dimension	81*45*23mm
	The warranty	1 year free warranty

5. Panel details

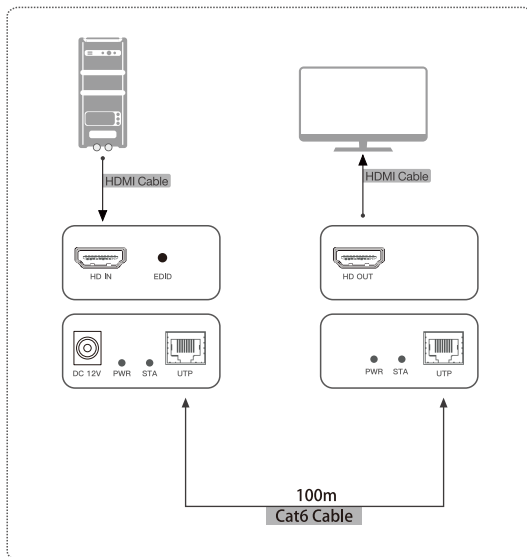
Transmitter:



Receiver:



6. Application diagram



7 Connection steps

- 1) First connect the power supply to the transmitter.
- 2) Use the HDMI cable to connect the transmitter and the signal source.
- 3) Use HDMI cable to connect receiver and monitor.
- 4) Use CAT6 cable to connect the transmitter and receiver.

5) If the connection fails or there are other conditions, such as flashing, please learn EDID, and then repeat the previous four steps.

6) To learn the operation of EDID, connect the power supply to the transmitter, and then use the HDMI cable to connect the transmitter and the display. Press and hold the EDID button for 2s to 3s. The indicator light will flash quickly. After the flashing, you can learn the EDID of the display.

8. Warranty

Please keep the user manual in a place where safety and easy to find so that you can read it immediately when meet problems.

⚠ Safety instruction

- Please do not disassemble this product by yourself because it doesn't including DIY function.
- Please don't make the product touch water in case damaged, because it is Not waterproof design.
- Please use dry cloth material when clean the product surface.
- Please do not use this product in the environment of too wet or too high temperature.
- Please avoid contact with corrosive substances.
- When there is damage or other physical damage to the product, please stop using and contact with customer service to get support.

Port name	Description
HDMI IN/ HDMI OUT	HDMI signal input/ output
UTP	RJ45 network interface
EDID	Connect the power supply to the transmitter, and then use the HDMI cable to connect the transmitter and the display. Press and hold the EDID button for 2s to 3s. The indicator light will flash quickly. After the flashing, you can learn the EDID of the display.
DC 12V	Power adapter socket
LED indicator	Description
STA	Video signal indicator
PWR	System power indicator

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