



# HDMI IP Cascading Extender

Please read the product manual carefully before using the product

## I. Product Introduction

Welcome to use our high-quality video cascade extension series products!

This extender consists of a transmitter and a receiver. Transmitter is for the completion of signal acquisition and compression, the receiver for the completion of signal decoding and port allocation, the middle of the transmission medium for high-quality CAT5e/6e cable, support point-to-point transmission, support multiple receivers with a switch, Max.253 receivers. Widely used in computer teaching system, high-quality multimedia display, video conferencing, computer, LCD plasma high-definition display venue, digital home theater, exhibition, education, finance, research, meteorology and other fields.

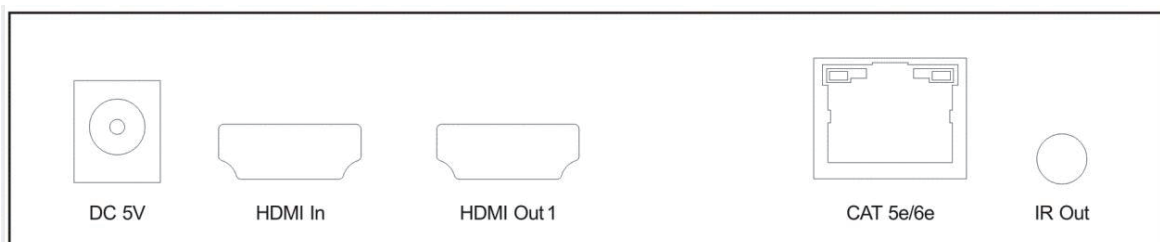
## II. Product Parameter

1. Support real-time point-to-point and point-to-multipoint transmission of image and audio signals by Cat5e/Cat6e/ single shielded/unshielded twisted pair;
2. HDMI signal supports 1080P@60Hz resolution and multiple resolutions in backwards compatibility;
3. The transmitter supports local output;
4. The receiving end can be connected in series with the same receiving end for cascade transmission;
5. Support IR infrared return function;
6. Support H.264 video format;

- 7. It has a signal gain of 3dB or pre-compensation, so as to ensure the high-definition true restoration of the signal;
- 8. Cascading and amplification transmission can be realized through relay equipment such as switches/routers, and the cascade can be extended by 300 meters;

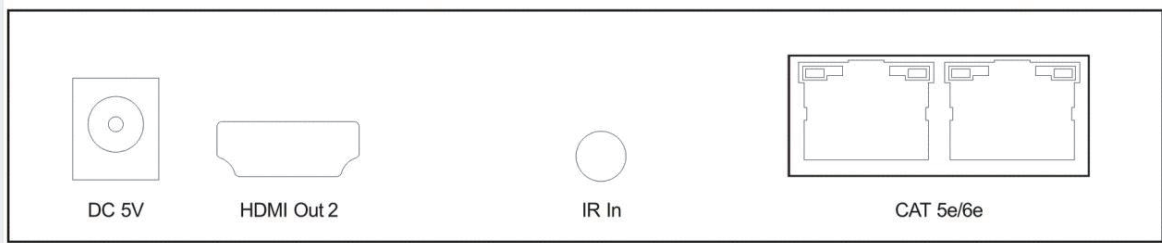
### III.Interface Description

#### Transmitter



Interface	Function Description
DC 5V	DC power input port, 5V DC power adapter input
HDMI In	HDMI Input Port
HDMI Out1	HDMI Output Port
CAT 5e/6e	Network Cable Port
IR Out	Connect infrared output Port

#### Receiver



<b>Interface</b>	<b>Function Description</b>
DC 5V	DC power input port, 5V DC power adapter input
HDMI Out2	HDMI Output Port
IR In	Connect infrared input Port
CAT 5e/6e	Network Cable Port

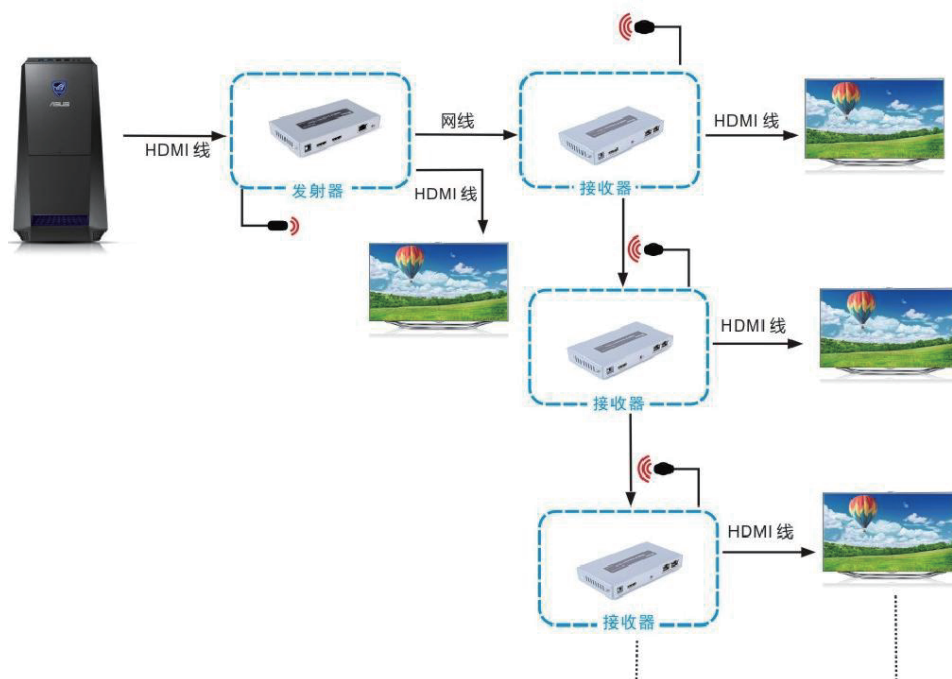
## IV.Product List

1.TX transmitter \*1

2.RX receiver \*1

## V.Connection Diagram

(1) One-to-many cascading by connecting the receiving end of the product in series.



(2) Connection and operation:

- 1.Use an HDMI cable to connect the signal source to the transmitter of the extender.
- 2.Connect the display end and the receiving end of the extender with an HDMI cable.
- 3.Use a cat5e line or cat6 line (recommended) to connect the transmitting end and the receiving end of the extender.
- 4.Connect the transmitter and receiver to the power supply.

# Product Warranty Card

## Customer Information

Model:	
Date of purchased:	
User telephone:	
User address:	
Distributor:	
Agency address:	
User telephone:	Dealer stamp valid

## Intenance Records

Repair times	Date	Fault	Treatment measures	Repair work NO.