

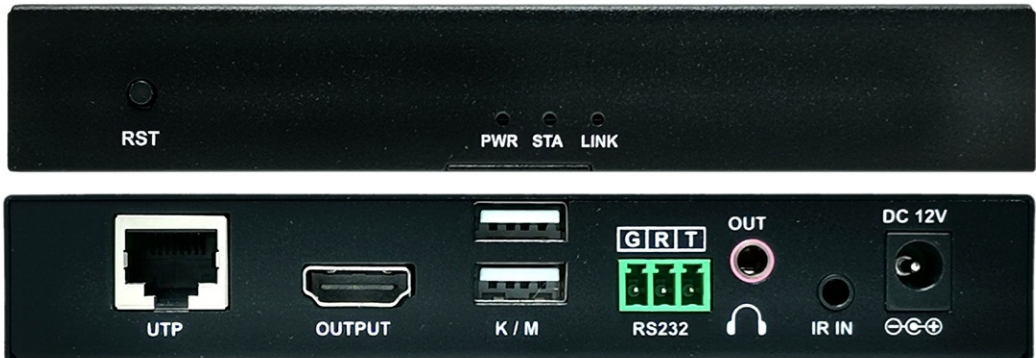
**Model** : ATZ HDMI-E150+USB  
**Description** : 150M 1080p HDMI KVM Extender over IP, USB+RS232+Audio+IR



TX



RX



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HDMI extender is used to extend the transmission of HDMI audio and video signals, and is usually used when the limit length of HDMI cable cannot meet the transmission distance. This product transmits HDMI audio and video signals to the user up to 150M via single Cat5e/6 network cable. The device supports TCP/IP network protocol, one to many switch transmission, long-distance and individual audio transmission, IR, keyboard and mouse signal pass back, RS232 bi-directional data transmission, remote control monitor on display. HDMI extender with built-in EDID improves device compatibility greatly.

The device has long-distance transmission, easy installation, good compatibility, low cost. It is widely used for HD conference meeting/ Film&TV Production/Teaching room/Digital advertising, etc.

## Features:

- Compact size with Wall-mounted
- Transmission distance up to 150m over UTP CAT6 cable.
- Video resolution max up to 1920\*1080@60Hz.
- Support one to many switch transmission over TCP/IP Ethernet.
- Support ordinary Ethernet switch 100M or 1000M.
- Support IR (38khz) signal pass back control .
- Support individual audio transmission.
- Support keyboard and mouse transmission.
- Support HDMI 1.3 and HDCP 1.2 standard.
- High compatibility, can auto-match signal source and display device.
- Built-in automatic adjustment system, make the images smooth, clear and stable.
- Built-in ESD protection system; Simple to install, plug and play.

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Resolution 1080P@60Hz



Support TCP/IP



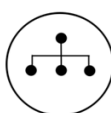
Transmission distance 150m



built-in ESD protection



Plug and play



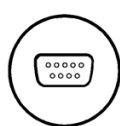
Point to Multi-point



IR pass back



HDCP 1.2; HDMI1.3  
Standard



Support RS232



Keyboard & Mouse



Support bi-direction  
individual audio

## Specifications:

Parameter		Description
Video	Standards	HDMI 1.3; HDCP 1.2
	Maximum pixel clock	165MHz,digital
	Maximum data rate	6.75Gbps
	Resolution	Max: 1920X1080@60Hz
	Connector	HDMI-A
	Impedance	100Ω
	HDMI cable length	<5M,1920X1080@60Hz
IR	Interface	3.5mm earphone seat
	IR frequency	38kHz
	Signal type	Digital
	Signal direction	Reverse direction transmission
Audio	Interface	3.5mm earphone seat
	format	44.1K,48K,96K,176K,192K
	Type of signal	stereos
RS232	interface	3 PIN
	Signal direction	<i>Bidirectional Transparent Transmission</i>
	Baud rate	Self-adaptive, Max: 115200bps
USB	KVM interface	USB-A
	USB interface protocol	USB HID
RJ45	Cable interface	RJ45 (568B)
	Max transfer distance	Cat6 150m/Cat5e 100m
Other	Power supply	The power adapter: DC 12V

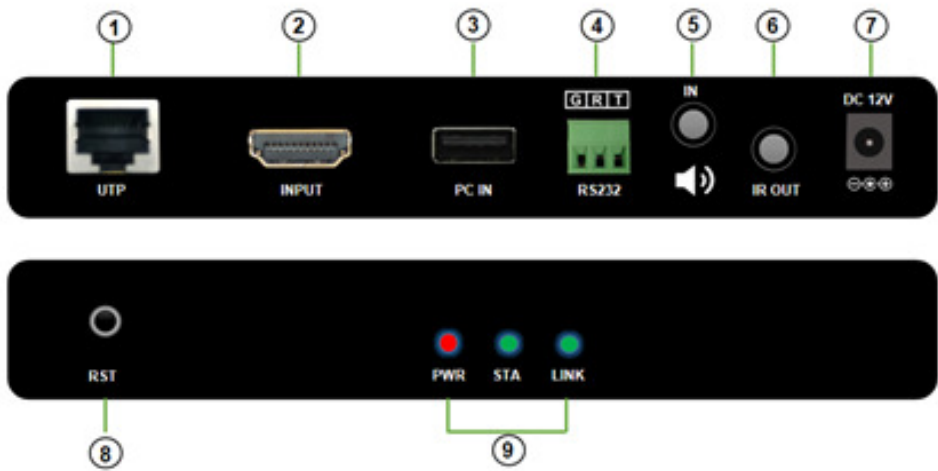
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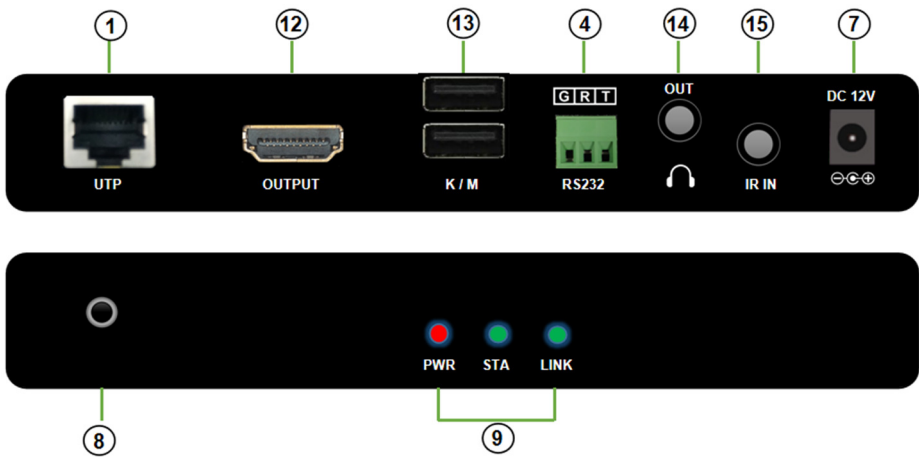


Power dissipation	MAX 4W
Temperature	Operating: -5°C ~ +70°C
Humidity	Operating: 5% ~ 90%
Dimension	142*68*23mm
Warranty	2 years

panel Description:  
Transmitter



Receiver



1. 568B Cable interface	9. PWR:power light, STA:system indicator lamp, LINK: Lan Ethernet network connection indicator lamp
2. HDMI Input	10. HDMI Output
3. PC USB Input	11. Keyboard and mouse access
4. RS232 data interface	12. Audio Output

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5. Audio Input	13. Infrared Input
6. Infrared Output	
7. DC 12V Power Input	
8. "RST" Long-press 10s reset key;	

### Installation:

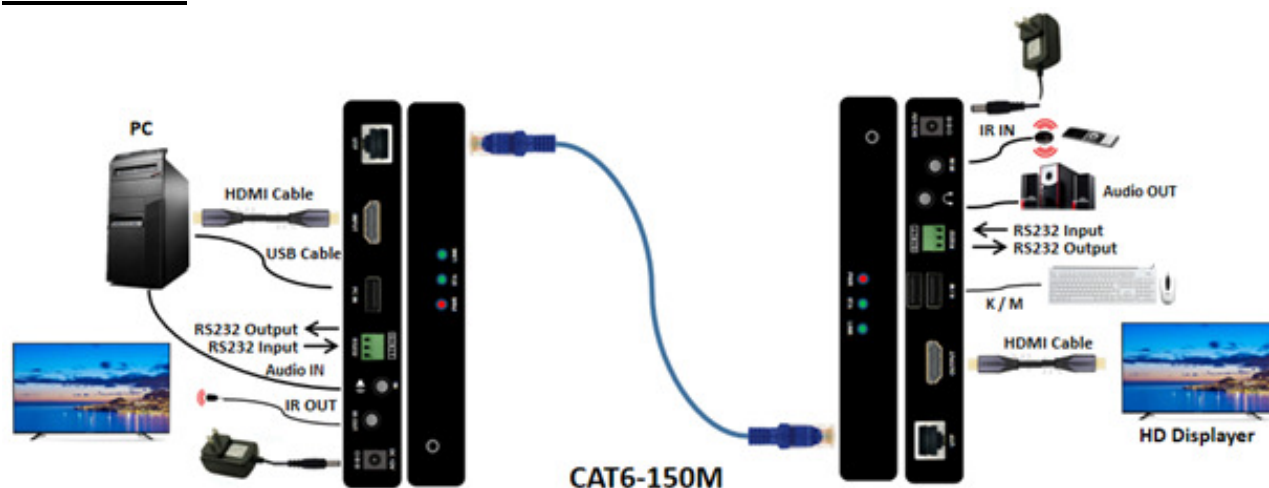
1. The HDMI signal source (such as set-top boxes, Blu ray DVD, computers, etc.) access to the HDMI Sender;
2. Connect the HDMI Receiver to the display device (such as a high definition TV, a tiled screen, etc.);
3. Use the network cable (recommend 6 types of cable) to connect the sender and receiver network interface;
4. Connect sender and Receiver to Power supply, when the lamp lights start flickering, normal operation of system.

### Package Includes:

1.HDMI Sender	1pc	6.User Manual	1pc
2.HDMI Receiver	1pc	7.Mounting ears	1pc
3.Infrared TX cable	1pc	8.USB-A cable	1pc
4.38K Infrared RX cable	1pc	9.RS232 serial port connection terminal	1pc
5.Power adapter 12V1A	2pcs		2pcs

### Product Diagram:

#### One-to-One

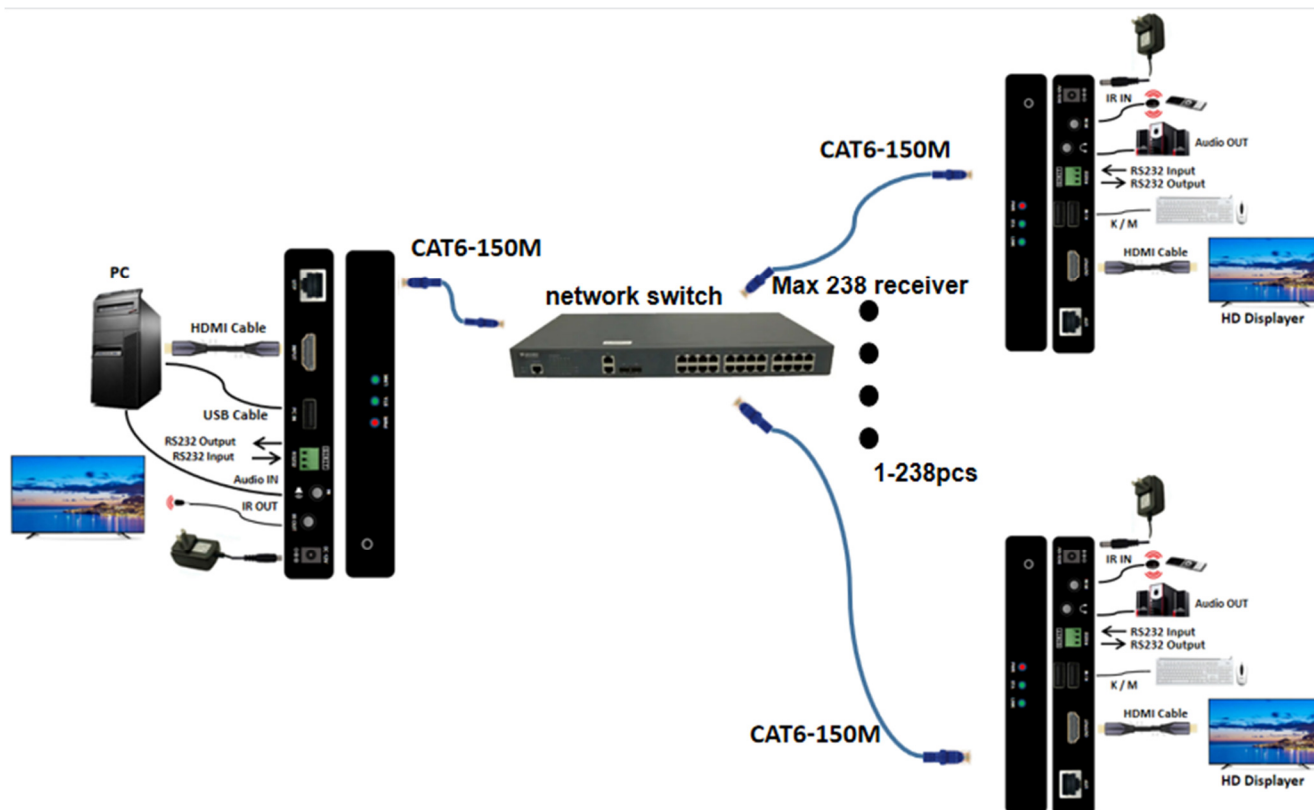


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## One-to-Many



## **Warranty: 2 years**

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.



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