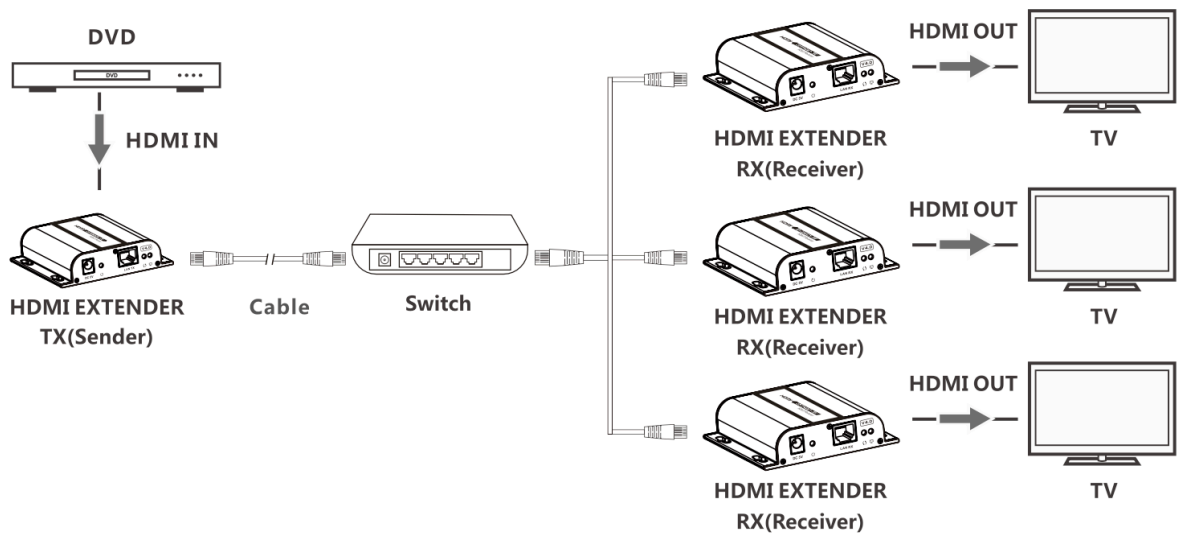


# HDMI Extender Over IP 120m (ER2604EXIP)



## Introduction

This HDMI extender extends the transmit length of HDMI Visual /Audio up to 120m (394ft) with single network cable. Supports IR signal transmission, to control media playback of the signal source device at the display location. This product is perfect for AV transmission in applications of HD conference system, HD video shooting, HD multimedia education system, HD digital advertising and signage etc.

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## Features

- Include a transmitter unit (TX) and a receiver unit (RX), working as a pair.
- Transmission distance up to 120m via CAT6 cable, 100m via CAT5E cable, 80m via CAT5 cable.
- Extends HDMI 1080p signal up to 120m
- Support IR pass back for remote control source device to receiver site easily for perfect improved infrared remote control experience
- Adopts the latest 4.0 technology for more vivid and smoother image, resolution, and refresh rate up to 1080P/50/60Hz
- Upgraded Technology ensures lower transmission delays and better compatibility with display source, signal source and transmission cable
- One transmitting end can be connected to multiple receiving ends through a network router or switch. Also 253 receiving devices can be connected. The infinite extension and distribution function can be realized through the switch cascade.
- Industrial Grade Design, Lightning Protection, Surge Protection, ESD protection ensures higher reliability and stable signal transmission. High-performance digital chip can work 24\*7.
- Plug and play, without installation.

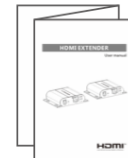
## Package Contents



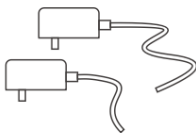
HDMI EXTENDER  
sender TX ×1pc



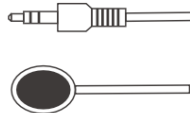
HDMI EXTENDER  
receiver Rx ×1pc



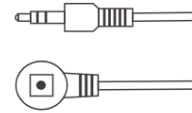
User Manual ×1pc



DC5V/1A ×2pcs



IR blaster extension  
cable x1pc



IR receiver extension  
cable x1pc

**Note :** above accessory content is regular package for a kit. If buy HDMI extender TX or HDMI extender RX separately, the package contents would be different.

# HDMI Extender Over IP

## 120m (ER2604EXIP)

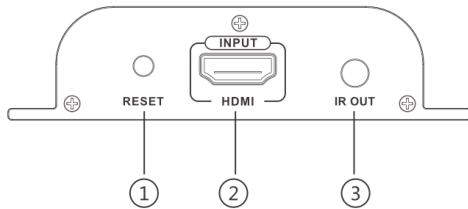
### Specifications

Brand	EiRA	
SKU Code	ER2604EXIP	
Technical	Transmitter-TX	Receiver-RX
HDMI compliance	HDMI 1.3	
HDCP compliance	HDCP 1.4	
Video bandwidth	18Mbps (10.2G)	
Transmission distance	CAT5: 80m, CAT5E: 100m, CAT6: 120m	
Video support	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz	
Audio support	PCM	
Input TMDS signal	0.7 ~ 1.2Vp-p	
Input DDC signal	5Vp-p	
POE support	No	
RS232 support	No	
loop-out on TX	No	
Multiple receiver connection	yes (one TX to unlimited RX)	
IR pass back	Yes	
IR frequency Range (KHz)	20-60KHz	
Input	1xHDMI, DC2.1	DC2.1, 1xRJ45, 1x3.5mm(IR)
Output	1xRJ45, 1x3.5mm(IR)	1xHDMI
HDMI source control	Controllable via IR pass back from RX to TX	
HDMI connector	Type A, Female, 19-pin	
RJ-45 connector	RJ-45	
Mechanical	Transmitter-TX	Receiver-RX
Housing	Metal enclosure	
Dimensions(L×W×H mm)	96.8×94×23.7mm	
Net weight	TX: 145g	RX: 142g
Power supply	5V/1A	
Consumption	3.5W	3W
Operation temperature	0~60°C	
Storage temperature	-20~70°C	
Relative humidity	0~95%(non-condensing)	
Warranty	1 Year	

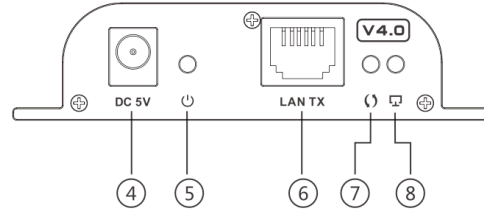
# HDMI Extender Over IP 120m (ER2604EXIP)

## Interface

### 1. HDMI Transmitter (TX)

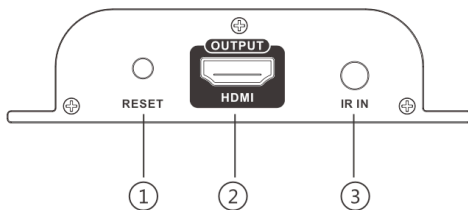


- ① Reset
- ② HDMI signal input
- ③ IR signal output to connect with blaster extension cable
- ④ Power input ( DC5V )

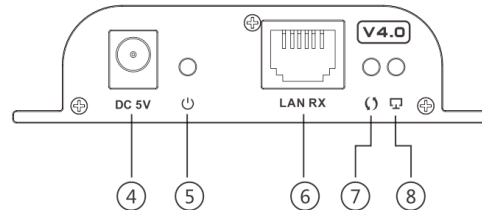


- ⑤ Power Light
- ⑥ RJ45 signal output
- ⑦ Data transmission light
- ⑧ Network link light

### 2. HDMI Receiver (RX)



- ① Reset
- ② HDMI signal output
- ③ IR signal input to connect with IR receiver extension cable
- ④ Power input ( DC5V )



- ⑤ Power Light
- ⑥ RJ45 signal input
- ⑦ Data transmission light
- ⑧ Network link light