

# Hunter HDMI Extender 50m with IR POC

9043-Hunter HTE-50ERH HDMI  
Extender 50m with IR POC

## USER MANUAL



## Product Introduction

Hunter HDMI Extender over Single Cat5e/6 with IR extends high definition video and audio signals and IR, at a distance of up to 164ft/50m over a single Cat5e/6 cable. Features EDID management, which allows and encourages source and display “handshake” for seamless integration. With only one cost effective Cat5e/6 cable, high definition sources with HDMI outputs can be connected to high definition displays with HDMI inputs over long distances

## Features

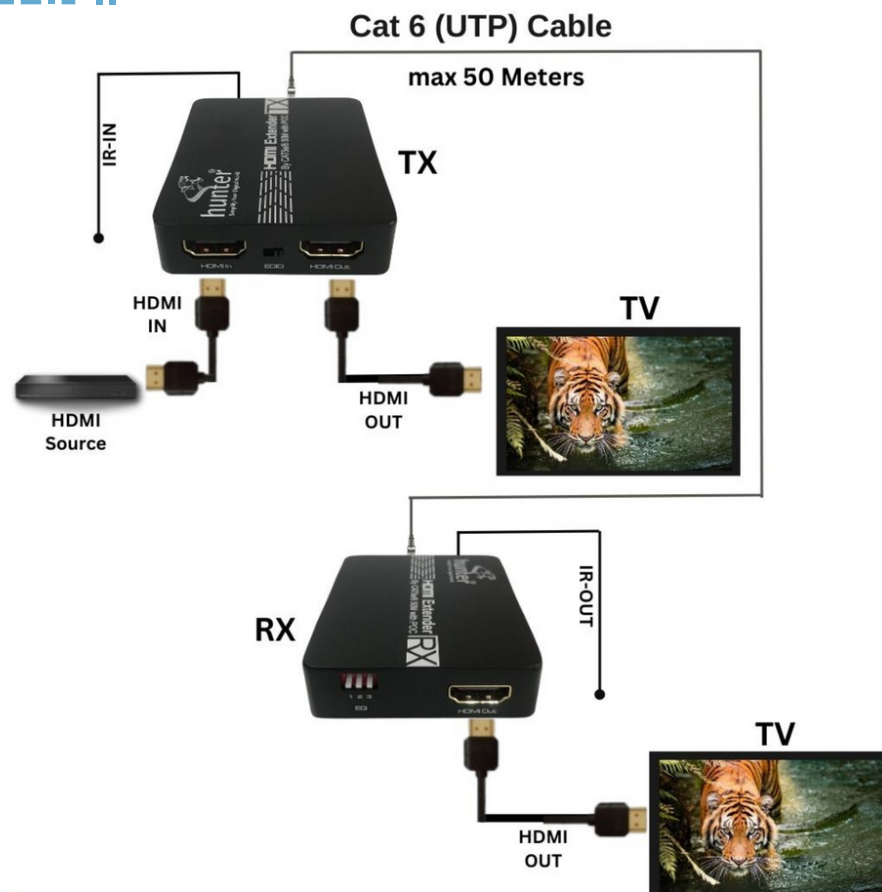
- Aluminum housing, small size and light weight.
- HDMI Loop out for Local Display, cascading via additional HDMI loop out port
- Copy EDID from receiver display or loop out display
- Support power over cable function
- 1080p resolution up to 50m over a single Cat5e or Cat6 cable.
- Allows HDMI Audio/Video and IR signals to be transmitted over a single Cat5e/6 cable.
- Transmission Range: Extends 1080p resolution up to 164ft/50m over a single Cat5e or Cat6 cable.
- Works with HDMI and HDCP compliant devices
- Supports up to 1080p High Definition resolution.
- Compact design for an easy and flexible installation



4.95  
Gpbs

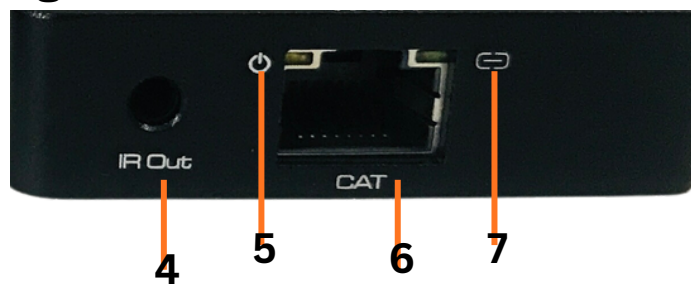
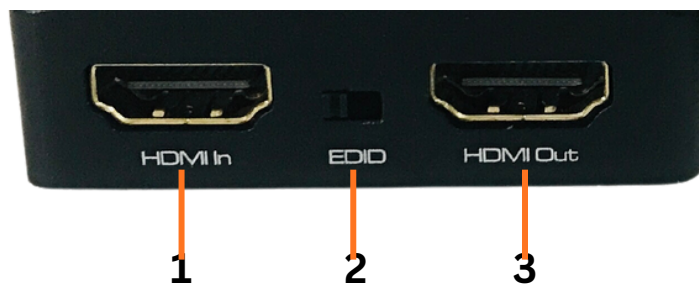
@60Hz

## Connection Diagram



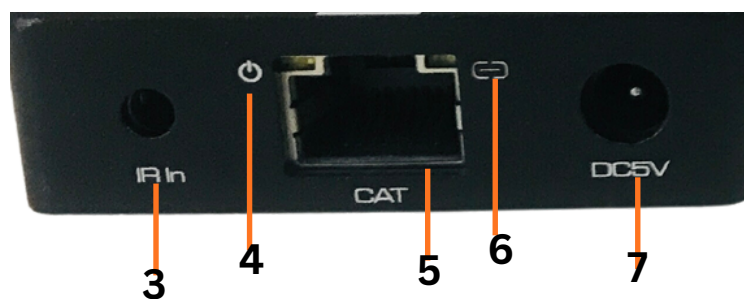
## Panel Descriptions

### Transmitting Unit



1. HDMI in: This slot is where you connect the HDMI output port of your source equipment such as DVD/Blu-ray players or Set-Top-Box with an HDMI cable.
2. EDID: The switcher can switch copy EDID function, switch to the right position, and the extender will copy HDMI loop out display EDID information to the source. Switch to the left position, the extender will copy Receiver display EDID to the source.
3. HDMI out: This slot is to connect the HDMI input of your display such as an HDTV.
4. IR out: Connect the IR Blaster cable included in the package for IR signal transmission. Place the IR blaster in direct line-of-sight of the equipment to be controlled.
5. Power LED: This LED will illuminate when the device is connected to the power supply.
6. CAT: Connect the CAT output of the transmitter with the CAT input of the receiver with the CAT5E/6 cable.
7. Link LED: This LED will illuminate when the device is connected to an HDMI source.

### Receiver Unit



1. EQ switcher: HDMI Receiver equalizer switcher.
2. HDMI out: This slot is to connect the HDMI input port of your display such as an HDTV.
3. IR in: Connect to the IR Receiver for IR signal reception. Ensure that the remote being used is within the direct line of sight of the IR receiver.
4. Power LED: This LED will illuminate when the device is connected to the power supply.
5. CAT: Connect the CAT input of the receiver with the CAT output of the transmitter with the CAT5E/6 cable.
6. Lock LED: This LED will illuminate when the HDMI signal from the transmitter is stable.
7. DC 5V: Connect from the 5V DC power supply into the unit and connect the adaptor to an AC outlet. (For the POC function, the receiver does not need the power supply)



### IR BLASTER(TX)

To control the source: Plug IR Blaster into the IR TX port of the transmitter unit; place the blaster in front of the IR eye of the source.



### IR RECEIVER (RX)

To control the source: Plug IR Receiver into the IR RX port of the receiver unit; place the receiver at or near display.

## Specification

Product Name	9043-Hunter HDMI Extender 50m with IR POC
Video Bandwidth	Single-link 165Mhz (4.95Gpbs)
Audio Support	480i/480p/720p/1080i/1080@60
transmission Range	surround sound (up to 7.1ch) or stereo digital audio
Input TMDS Signal	HD (1080p 24 bit color)-up to (16ft)
Input DDC Signal	3.3 vpits
ESD Protection	5.0 vlts/P-P
HDMI Connector	Human body Model: $\pm 8$ Kv(air-gap discharge) $\pm 4$ Kv(contact Charge)
RJ45 Connector	Type A 19 pin female
3.5mm Connector	WE/SS 8P8C
Housing	(TX and RX) IR Receiver/IR Blaster
Power supply	metal enclosure
Power Consumption	5V/1A DC
Operation Temperature	1.5 watts (TX); 1.0 watts (RX)
Storage Temperature	0°C to 40°C/32°F to 104°F
Relative Humidity	-20°C to 60°C/-4°F to 104°F
Dimensions (LxWxH)	20~90 % RH (no condensation)
Net Weight	7cmx5.8cmx1.2cm
	Weight 136Gms

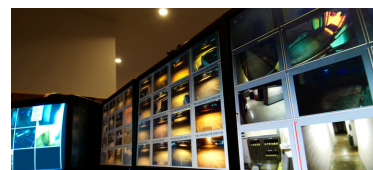
## Application



Outdoor Screen



Home Theatre System



Security Monitoring



Conference Room

## Package Content



Hunter HDMI Transmitter (TX)



Hunter HDMI Receiver (RX)



IR Tx Cable



IR Rx Cable



5V/1A DC Power Supply Adapter