

## HE1CIR

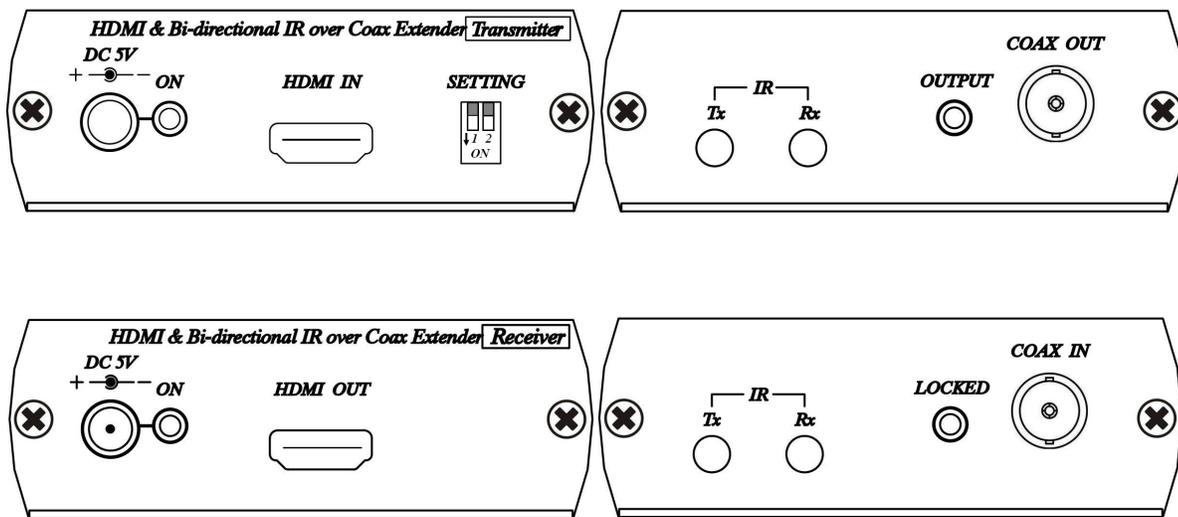
### HDMI Extender over One Coaxial Cable up to 328ft (100m) with Bi-directional IR

The HE1CIR uses only one cost effective coaxial cable to extend your HDTV display up to 328ft (100m) at 1080p, with high quality uncompressed video, it delivers significant value to the entire home and commercial entertainment system. This HDMI extender is designed to work over existing or new coaxial cable for a quick and simple installation. Easy to setup, Auto EQ, no level adjustments for optimal signal.

#### Features:

- Extends HDMI over one coaxial cable (RG6 recommended for best results)
- Up to 1080p@60Hz (does not support 480p and 576p)
- Max Data Rate - 2.97Gbps
- Supported Audio – LPCM 2ch, LPCM 7.1ch
- HDMI and HDCP compliant
- Transmission range up to 328ft (100m)
- Easy to install, Plug n Play, Small form factor

#### Panel View:



#### Connection and Operation:

Before installation, please make sure all devices you are connecting are turned off.

- 1) Connect your source to the transmitter extender using an HDMI cable
- 2) Connect your display to the receiver extender using an HDMI cable
- 3) Connect up to 328ft (100m) coaxial cable from the transmitter extender to the receiver extender
- 4) Connect the 5VDC power supply to the transmitter and receiver extender
- 5) Connect your IR receiver and IR blaster
- 6) Turn on your source and display
- 7) No Picture? Test coaxial cable and BNC connectors, check the extender status lights

## Recommended Cable:

To send HD video a minimum of 1.5GHz bandwidth coaxial cable must be used, to send Full HD video a minimum of 3GHz bandwidth coaxial cable must be used. The recommended cable should be high quality 75Ω coaxial cable with crimp-on BNC connectors. If using a low quality coaxial cable, this will decrease maximum transmission distance including signal loss and reliability.

## Transmission Range:

If connection is through a wall jack (not recommended), this could limit the full transmission distance between the transmitter and receiver extender. We recommended using a straight coaxial cable with BNC connectors at each end.

## Shielded Cable:

On most installations, we recommended using a shielded coaxial cable with properly connected BNC connectors. This will prevent video and audio loss due to EMI and other interference from switched lighting and ceiling fans.

## Caution:

1. The wiring must be away from any equipment with electromagnetic signal, such as mobile phones, microwaves, radio communication equipment, fluorescent lighting, and high voltage power lines.
2. This device is not network compatible; do not connect via coaxial network to avoid damage.

## Status Lights:

### HE1CIR-TX

Green - On (Power), Flashing (HDMI input signal not supported)  
Blue - On (Coax signal output)

### HE1CIR-RX

Green - On (Power)  
Blue - On (Signal lock)

## EDID Default:

### HE1C-TX

Dip switch 1 Off ↑ 480i/720p/1080i  
Dip switch 1 On ↓ 1080p  
Dip switch 2 Off ↑ LPCM 2 Channel Audio  
Dip switch 2 On ↓ LPCM 7.1 Channel Audio

## Package Contents:

- HDMI Transmitter x 1
- HDMI Receiver x 1
- 5VDC 2Amp Power Supply x 2
- IR blaster cable x 1
- IR receiver cable x 1
- Mounting Screws x 1 bag
- User Instructions

**Specifications:**

<b>Model:</b>	<b>HE1CIR-TX</b>	<b>HE1CIR-RX</b>
Resolution	Up to 1080p@60Hz	
Audio Support	LPCM 7.1 Channels, 48Khz, 16/20/24bit	
Distance	328ft (100m) Max	
Deep Color	24bit	
HDMI Connector	Type A	
Coax Connector	BNC x 1 75Ω	
LED	Blue x 1 Green x 1	
IR Carrier Frequency	20-60Khz	
IR Angle	+/- 30°	+/- 55°
IR Distance	Up to 16 feet (5m) Bi-Directional	
Power Supply	Switching DC5V 2Amp	
Power Consumption	880mA (Max)	710mA (Max)
Operation Temperature	Operation: 32 to 131°F, Storage: -4 to 185°F, Humidity: up to 95%	
Dimensions - Inches	3.46" x 3.74" x 1.18"	
Weight -lbs.	.46	



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If you are experiencing difficulties setting up this product, please call us for assistance 1-888-861-7351 or visit [www.zuum.life](http://www.zuum.life)

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