

HDMI over Coax Extender

ITEM NO.: HE01CI HDMI & Bi-directional IR over Coax Extender

HE01CI is designed to send and extend HDMI 1080p with IR signal over a single coaxial cable. Benefit to use existing coax wiring or to take advantage of the long range in any installation. The basic system works as a high performance HDMI over coax extender, with Bi-directional IR extender function to control source or display.

HE01CI HDMI & Bi-directional IR over Coax Extender

Features:

- Send HDMI signal & Bi-directional IR over single coaxial cable up to 100 Meters at 1080p solution.
- Support video signal 480i/576i/1080i/1080p.
- Support Bi-directional IR path.
- Support HDMI 7.1 Channel audio.

Installation:



Recommend Cable:

To send HD video must use coaxial cable with Bandwidth at least 1.5G , to send Full HD video must use coaxial cable with bandwidth at least 3G.

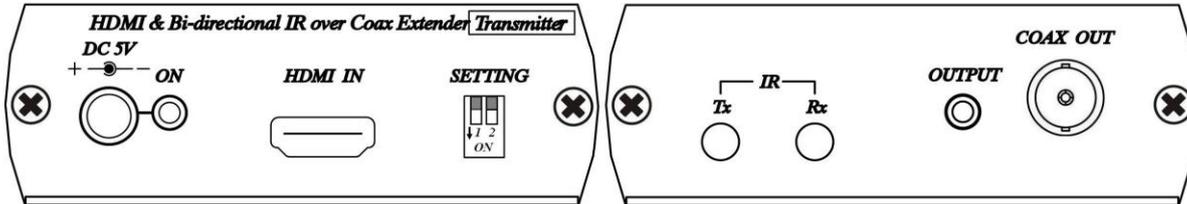
Link cable recommend to use high quality 75Ω Coaxial Cable & BNC connector , to use low quality coaxial cable may case signal loss and effect transmission distance and reliability.

Working Distance:

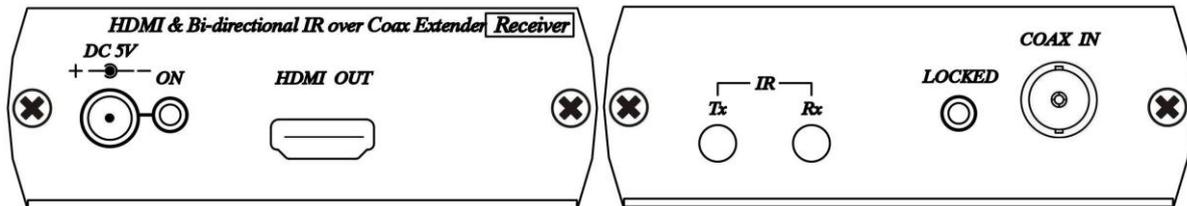
Max. distance via high quality 75Ω Coaxial Cable (Belden 1505A/Belden 1694A Testing)	
SD (480i,576i resolution) (270Mbps)	300M
HD (720p, 1080i, 1080p@24/25/30Hz resolution) (1.45Gbps)	200M
Full HD (1080p@50/60Hz) resolution (2.97Gbps)	100M

Panel View:

HE01CIT



HE01CIR



LED Indication:

HE01CIT

GREEN	ON/OFF	Power ON/OFF
	FLASH	Not support HDMI input format
BLUE	ON	Signal output

HE01CIR

GREEN	ON/OFF	Power ON/OFF
BLUE	ON	Signal lock

HE01CIT Switch Instruction:

- 1 ↑ Video Support: 480i, 576i, 720p@50/59.94/60Hz, 1080i@50/59.94/60Hz.
- ↓ Video Support: 480i, 576i, 720p@50/59.94/60Hz, 1080i@50/59.94/60Hz, 1080p@23.98/24/29.97/30/50/59.94/60Hz.
- 2 ↑ Audio Support LPCM 2 Channels.
- ↓ Audio Support LPCM 7.1 Channels.

Caution:

This device not support 480p and 576p video format.

HE01CI Package Include:

HE01CIT HDM Transmitter x 1 pcs
 HE01CIR HDMI Receiver x 1 pcs
 IR Blaster Cable x 1 pcs
 IR Receiver Cable x 1 pcs
 Mounting Screw pack x 1 bags
 Power Adapter x 2 pcs

Specification:

ITEM NO.	HE01CIT	HE01CIR
Video Resolution	NTSC (480i), PAL (576i), 720p@50/59.94/60Hz, 1080i@50/59.94/60Hz, 1080p@23.98/24/29.97/30/50/59.94/60Hz	
Audio Support	LPCM 7.1 Channels, 48Khz, 16 / 20 / 24Bit	
HDMI Connector	HDMI Type A	
Link Connector	BNC 75Ω	
LED	Blue x 1, Green x 1	
IR Carrier Frequency	20-60Khz	
IR Angle	± 30°	± 55°
IR Distance	5m / Bi-directional	
IR C		
Power Consumption	880mA (Max)	710mA (Max)
Power Supply	Switching DC5V 2AMP	
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%	
Dimensions	mm	88 x 95 x 30
Weight	g	210



Rev. B