

HDIR-COAX

HDMI & Bi-directional IR over Coax Extender

HDIR-COAX is designed to send and extend HDMI 1080p with IR signal over a single coaxial cable. This enables the use of coax wiring to take advantage of its long range capabilities 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.

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:



Recommended Cable:

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

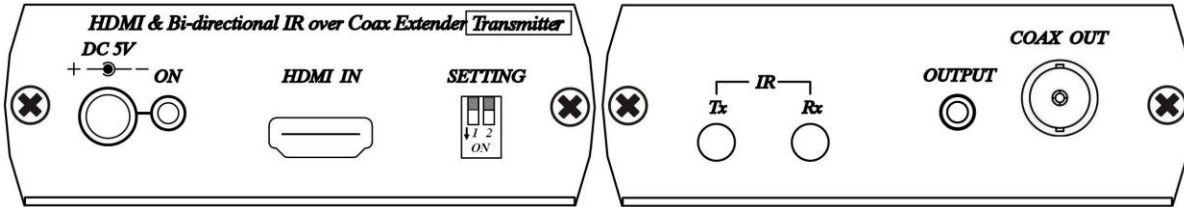
For link cable we recommend to use high quality 75Ω Coaxial Cable & BNC connectors. Using low quality coaxial cable may cause signal loss and effect transmission distance and reliability.

Working Distance:

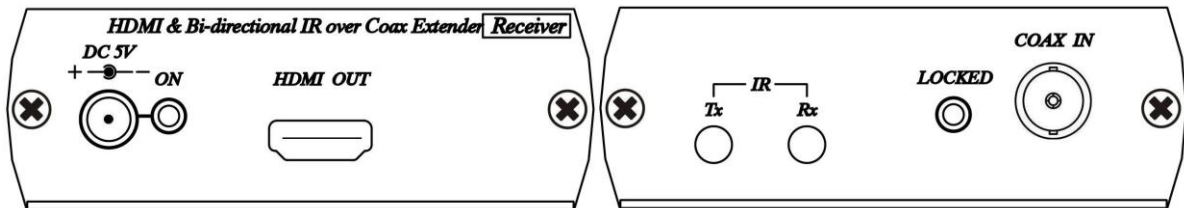
Resolutions Supported with 75 Ohm Coax Cable	RG59	RG6
480i, 576i (SD) 270Mbps	205 Meters	300 Meters
720p, 1080i, 1080p@24/25/30Hz. (HD) 1.45Gbps	130 Meters	200 Meters
Up to 1080p@60Hz. (Full HD) 2.97Gbps	75 Meters	100 Meters

Panel View:

Transmitter



Receiver



LED Indication:

Transmitter

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

Receiver

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

Transmitter 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.

Package Includes:

HDMI Transmitter x 1 pcs
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.	TRANSMITTER	RECEIVER
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

RoHS CE FC 