

## HDMI over Coax Extender

**ITEM NO.: HE05CT HDMI DVB-T Modular**



HE05CT HDMI DVB-T modulator generates a digital high definition channel from an HDMI source which can be supplied over a coaxial cable network to digital TV sets or STB's in the system. The TV required compatible with DVB-T.

### **With HE05CR HDMI DVB-T Receiver:**

HDMI Extender Over Coax extends an HDMI signal over a point-to-point coax cable up to 500M with RG59/RG6 coaxial cabling. The HDMI Extender Over Coax allows the capability to split to multiple receivers, or combine multiple transmitters set to different channels, using simple CATV splitters or combiners. It could be widely applied in CCTV, CATV, outer large screen, shopping mall advertisement, media education or replace new HDMI devices instead of old analog system over existing coaxial cable.

### **Features:**

- Send 1080p High-Definition video with audio over an RF distribution system.
- Converts an HDMI signal into an HD Digital DVB-T compatible signal.
- Connect multiple HE05CT to watch different source devices.
- Upgrades an existing Standard Definition RF system to 1080p HD
- Video encoding: H.264, support up to 1080p@30fps. Audio encoding:MPEG2.
- Requires a DVB-T compatible TV.
- It gives a DVB-T output which is sufficient to feed a number of DVB-T capable TVs (via a splitter)
- HD Distribution over an Existing Coax Network, works on DVB-T.
- Perfect for HD Distribution in Pubs , Clubs , Conference Centre's.
- HE05CT Optional Model: HE05CR: HDMI DVBT Receiver, allow to work point to point connection with HE05CT to send HDMI signal over coax cable up to 500M.
- Option model: TPN002U: 1U 19" Rack Mounting Panel (Allow fix two unit of HE05CT)

## Installation View:

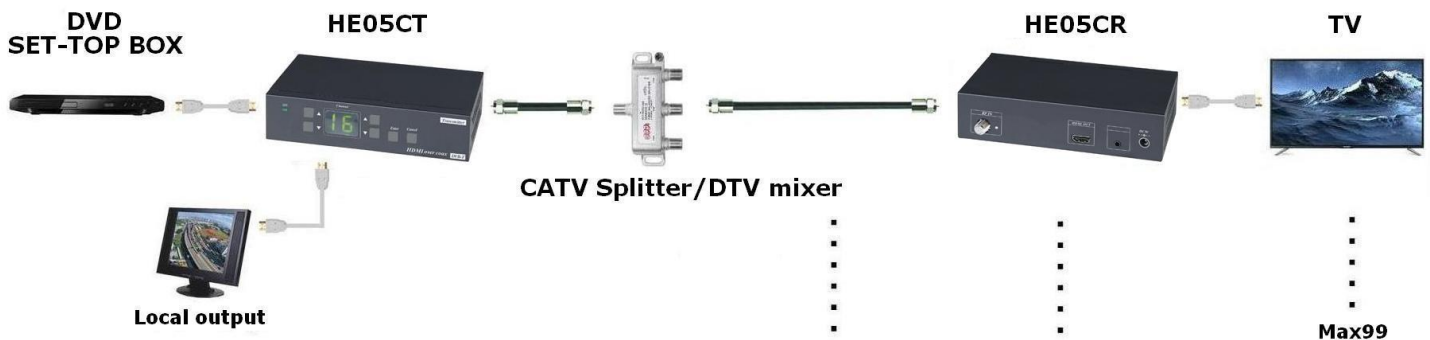
Point to Point direction connection

DVD  
SET-TOP BOX  
DVR



One TX to multiple RX connection (with splitter)

DVD  
SET-TOP BOX



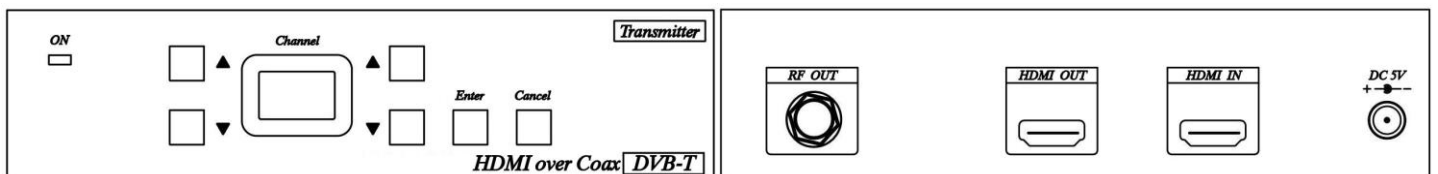
Multiple TX to multiple RX connection (with splitter)

DVD  
SET-TOP BOX



## Panel View:

### HE05CT



## LED Indication:

HE05CT LED :

Green ON/OFF Power on/off

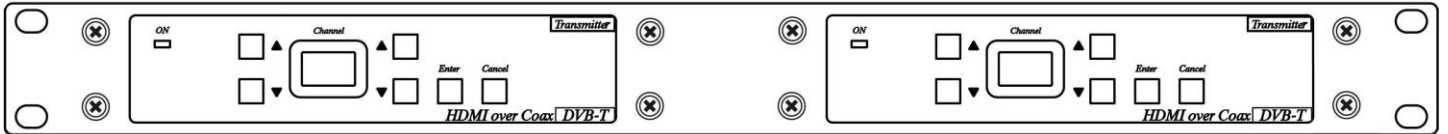
## Button Function:

▲、▼	single digit channel selecting key
▲、▼	two-digital channel selecting Key
ENTER	channel selection confirm
CANCEL	channel selection cancel

## Option Model:

### TPN002U 1U 19" Rack Mounting Panel

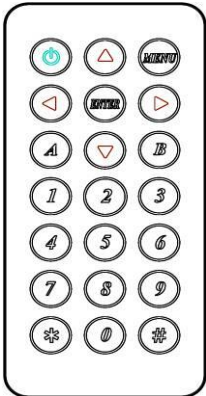
- Allow to fit two pieces of HE05CT/CR in 1U Rack Mounting Panel





## IR01 Remote Controller

- When using multiple source with HE05CT transmitter, HE05CR receiver input source selection could be using optional IR remote controller for easy operation.

## Remote Control Function:



Initial the first time using the remote control or after change battery of remote control, both need setting the IR remote controller ID.

To setting the Remote ID, Press and hold power button, then press button 0 to complete the setting.  +  .(for example)

## Remote Controller Key Function :

▲、▼	Channel Switching Key
0~9	Channel input Key
ENTER	Channel Selecting confirm key
⏻、A、B、MENU、#、*、◀、▶	Reserve( no function)

## Cable and Transmission :

1. Recommend to use high quality 75Ω Coaxial Cable and F connector, low quality coaxial cable and channel selection may case signal loss and effect transmission distance and reliability.
2. Point to Point transmission distance up to 500M (Max) ,the channel selection must be

0-12 channel or 81-94 channels.

3. For multiple TX, RX working distance around 200M and must work with CATV splitter/amplifier or DTV mixer.

### **HE05CT Package Include:**

HE05CT HDM Transmitter x 1 pcs  
Mounting Screw pack x 1 bags  
Power Adapter x 1 pcs

### **Specification:**

<b>ITEM NO.</b>	<b>HE05CT</b>
Video Support	480i/p, 576i/p, 720p, 1080i/p
Video Input	HDMI Type A x 1
Video loop Output	HDMI Type A x 1
Video Output	X
Link Interface	F Connector (RF) x 1
Function button	Tact Switch x 6
Channel Indication	7 step LED display x 2
LED	LED (Green) x 1
IR Connector	X
IR Receiver	X
Power Supply	DC 5V / 1A
Power Consumption	750mA (Max)
Temperature	Operation: 0 to 70°C, Storage: -40 to 90°C, Humidity: up to 85%
Dimensions mm	167 x 110.5 x 40
Weight g	450



Rev. A