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## HD - DVB-T Encoder/Modulator

Conversion of HD signals into a DTT channel, with HDMI pass-through

A device that transforms a digital video and audio (HDMI) signal into a modulated FullHD (MPEG-4/H.264) signal into a DVB-T channel. The input digital signal comes from an external SD/HD source: satellite receiver, DVR/NVR, DVD, CCTV, etc.

It is equipped with an HDMI loop through to connect the input signal to the TV/Monitor

The channel generated by the HDMI source can be mixed with the DTT signal and then distributed over a single coaxial cable. Its content can thus be displayed on all the receiving devices of the system.

The device can be configured with an App for Android 6.0 / iOS 13 or higher, via Bluetooth connection.

**Ref.585301**

**Art.Nr**

**EAN13**

8424450211670

### Highlights

- Fully configurable: input format, transport stream configuration, output channel configuration...
- Perfect image and audio synchronization
- High-quality encoding, thanks to VBR (Variable Bit Rate)
- Easy and intuitive App (Android/iOS) to configure the device
- Energy efficiency and low consumption

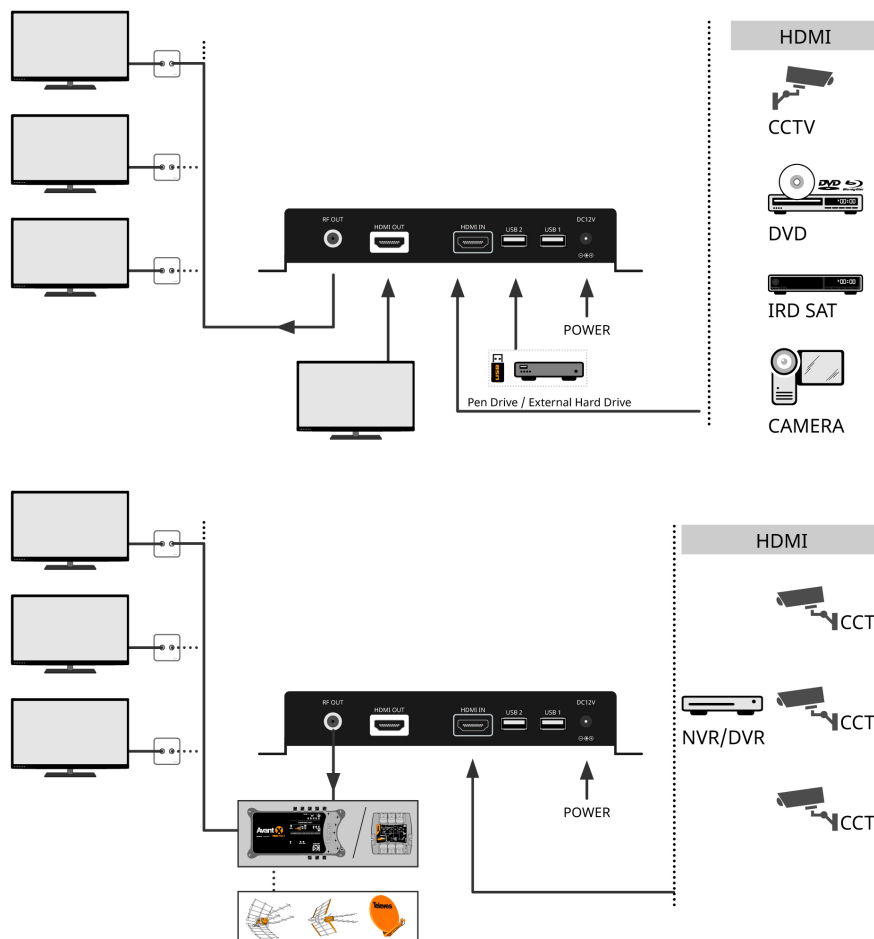
### Main features

- HDMI pass-through

- MPEG-4 (H.264) format video encoding
- Compatibility with multiple resolutions (up to 1080p @60fps)
- Automatic detection of the input resolution
- Video loop playback via USB port (.TS format)
- Firmware update via USB

## Application example

(Click to see the picture)



## Technical specifications

ENCODER			
Video	Coding		H264 Profile Level 4.0
	Interface		HDMI IN/HDMI OUT (loop through)
	Input resolution		1080p Max.
	Output resolution		Auto, 1080p, 720p, 576p, 480p
	Bit rate	Mbps	2, 4, 6, 8, 12, 18
Audio	Interface		HDMI IN/HDMI OUT (loop through)
	Format		MPEG-2 / AAC / AC3
	Bit rate	kbps	192
MODULATOR			
Standard		DVB-T (ETSI EN 300 744)	
Modulation		QPSK, 16QAM, 64QAM	
Fraquency range	MHz	174 ... 230 / 470 ... 862	
MER	dB	35 typ.	
RF output level	dBμV	85 ... 105	
RF adjust level	dB	20 (1dB per step)	
Bandwidth	MHz	6, 7, 8	
USB			
File system		FAT 12/16/32 Maximum file is 4GB*	
Recommended memory	GB	32 (USB pendrive)	
Video playing		Only "video.ts" file (USB root folder)	
SYSTEM			
Management		Bluetooth & App	
App operating system		Android 6.0 or higher iOS 13 or higher	
FW Update		USB	
GENERAL			
Powering	Vdc	12	
Consumption	A	1	
Operating temperature	°C	5 ... 40	
Relative humidity	%	80 (@30°C)	
Editable parameters		SERVICE NAME, NETWORK NAME, PROVIDER NAME, TS ID, NETWORK ID, ORIGINAL NET ID, LCN, NIT VERSION, PRIVATE DATA, País	

(\*) Televes does not guarantee 100% compatibility with all USB devices; using high-quality USB devices is recommended.