



A/V DVB-T ENCODER MODULATOR

DIGISlot

REF. 554501, 554601, 554801, 554802, 554803

These are modules capable of generate a COFDM multiplex from two types of signal sources: A / V and / or HDMI.

Using plug-in modules, you can configure the type of signal source:

- ✓ 1 signal of A / V (Ref.554801),
- ✓ 2 signals of A / V (Ref.554802), and
- ✓ 1 HDMI signal (Ref.554803)

Mounting of these Encoder/Modulator can be done onto wall (Ref.554501) or into a 19" rack (Ref.554601).

This product is especially applicable in shop windows of large shopping centers, where HD signals are distributed via HDMI, with the limitation of distance that implies, in addition to showing a single program for all TVs.

A COFDM modulator with coaxial cable output, solves the problem of distances and can display a variety of contents (HDTV and SD) in different TVs.

REF	DESCRIPTION	EAN 13 CODE
554501	DVB-T ENCODER MODULATOR (WALL)	8424450160855
554601	DVB-T ENCODER MODULATOR (RACK)	8424450160800
554801	1 A/V CVBS - MPEG2 ENCODER	8424450160817
554802	2 A/V CVBS - MPEG2 ENCODER	8424450160824
554803	1 HDMI - MPEG4 ENCODER	8424450160831

MAIN FEATURES

- Optional MPEG2 inputs.
- Output COFDM DVB-T.
- Excellent quality of modulation MER>42dB.
- Processing and insertion of PSI/SI tables.
- LCN.
- IP output.
- Control either by a Web Server or by its front keypad with LCD.
- Flexible design.
- Mounting onto wall (ref.554501) or into 19" rack (ref.554601).

A/V DVB-T ENCODER MODULATOR

**GENERATION OF A DTT MULTIPLEX
WITH A VARIETY OF AUDIO/VIDEO SOURCES**

TECHNICAL SPECIFICATIONS

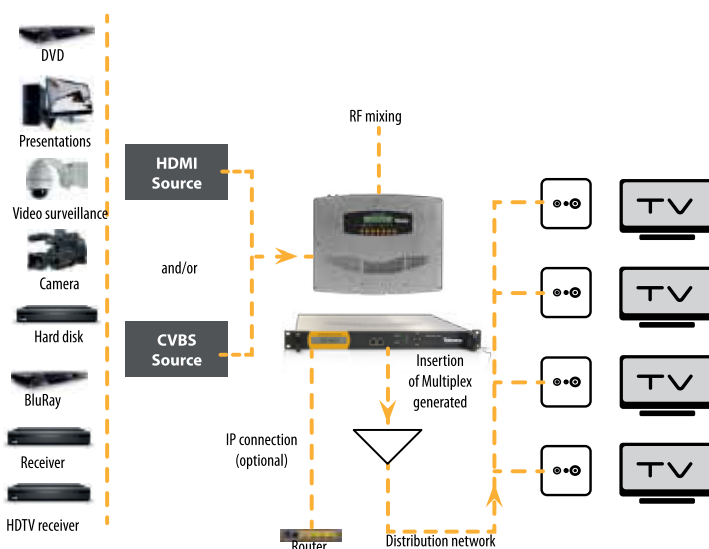
Input		554801	554802	554803
Video	Encoder	MPEG-2 MP@ML (4:2:0)		H.264/AVC High Profile Level 4.0 (HD)
	Source	CVBS x 2	CVBS x 4	HDMI x 2 (1 active, the other back-up)
	Resolution	720 x 576 (PAL), 720 x 480 (NTSC)		1920 x 1080_60i, 1920 x 1080_50i, 1280 x 720_50p, 1920 x 1080_60p, 1920 x 1080_50p
Audio	Encoder	MPEG1 Layer II		
	Source	Stereo Audio x 2	Stereo Audio x 4	HDMI x 2
	Sample rate	KHz	48	
	Bit rate	Kbps	128	

Output		554501	554601	
DVB-T	Standard	EN300744		
	Mode FFT	2K, 8K		
	Bandwidth	MHz	6, 7 y 8	
	Constellation	QPSK, 16QAM, 64QAM		
	Guard interval	μS	1/4, 1/8, 1/16, 1/32	
	FEC	1/2, 2/3, 3/4, 5/6, 7/8		
	MER	dB	≥ 42	
	Frequency range	MHz	30 ...960	
	Output level	dBμV	81...97	
General	Mains	Vac	220 ± 10%	
	Consumption	W	25	
	Dimensions	mm	360 x 280 x 50	480 x 300 x 44



Ref. 554803

EXAMPLE OF APPLICATION



Ref. 554803

Ref. 554501



Ref. 554802

Ref. 554801

Ref. 554601