

MOD HDMOD-1



HDMI / AV TO DVB-T MODULATOR

Manufacturer: [LEMCO](#)

Description

Product Description

The HDMOD-1 is a high quality DVB-T "Home" modulator which accepts one HDMI or analog Stereo Audio / CVBS signal and converts it into one RF DVB-T channel on its output. The excellent picture (Full HD 1920*1080-30p) and modulation quality (MER>35dB) renders the HDMOD-1 the ideal solution for distributing HD or analog TV signals coming from e.g. a DVD player, STB or camera in a CATV network using the DVB-T technology.

The user has the ability to control the device by either using the onboard SSD (Seven Segment Display) interface and keypad for quick installation or by using the USB interface with the appropriate software accompanying the HDMOD-1 for advance programming. Finally, the HDMOD-1 s metal case provides excellent electromagnetic shielding as well as great temperature dissipation and rigidity.

» Input

Type:	1 x HDMI & 1 x CVBS
Connector:	1 x HDMI & 1 x RCA – Female (White, Red, Yellow)
Video coding:	MPEG-4 AVC/H.264
Profile:	High profile 4.0
Resolution:	1920x1080-30p
HDCP support:	Yes
Audio:	HDMI & Mono/Stereo
Standard:	MPEG-1 Layer II
Audio Bit Rate:	64, 96, 128, 192, 256, 320
Level:	0.5Vpp to 1.0Vpp adjustable

» H.264 Encoder

Standard:	MPEG-4 AVC/H.264
Bit Rate:	1 – 19 Mb/s adjustable
Configurable Parameters:	Service Name, Service ID
LCN processing:	Yes

» TS processing

Automatic Regeneration: NIT,PAT,CAT,SDT, PMTs, EITs tables
LCN support: Yes

» DVB-T

Standard: EN 300 744
Bandwidth: 7,8 MHz
Mode: 2K,8K
Constellation: QPSK,16QAM, 64QAM
Guard Interval: 1/4, 1/8, 1/16, 1/32
Code Rate: 1/2, 2/3, 3/4, 5/6, 7/8

» RF Output

Type: RF DVB-T (COFDM)
Output Frequencies: 174...862MHz (1 Hz step)
Output Level: 90dB μ V max.
Connector: 75 Ω - F, female
RF output attenuator: 0...20dB
MER: 35dB (Typical)
Shoulder attenuation: >50dBc
Output loop-through loss: <1dB

» Interface

Display: Yes
Keypad: Yes
USB: Yes

» General

Power supply: +12VDC
Consumption: 400mA max.
Operating Temperature: 0 °C to 50 °C
Storage Temperature: -10 °C to +70 °C
Humidity: Up to 90%
Dimensions: 255 x 141 x 61mm
Weight: 0.3Kg