

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.

HDMOD-1

Full HD DVB-T modulator with two inputs (HDMI & CVBS)

TECHNICAL CHARACTERISTICS

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 Kbps
Level: 0.5Vpp to 1.0Vpp adjustable
DVB-T (IN)
Standard: EN 300 744
Bandwidth: 7 MHz, 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
H.264 encoder
Standard: MPEG-4 AVC / H.264
Bit rate: 1 – 19 Mbps adjustable
Configurable parameters: Service Name, Service ID
LCN processing: Yes
Transport Stream Processing
Automatic regeneration: NIT,PAT,CAT,SDT, PMTs, EITs tables

LCN support: Yes
RF Output
Type: RF DVB-T (COFDM)
Output Frequencies: 174...862MHz (1 Hz step)
Output Level: 90dbμV max.
Connector: 75Ω - F, female
RF output attenuator: 0...20dB
MER: 35dB (Typical)
Shoulder attenuation: More than 50dBc
Output loop-through loss: Less Than 1dB
Interface
Display: Yes
Keypad: Yes
USB: Yes
General
Power supply: +12VDC
Consumption: 400 mA max.
Operating temperature: 0 °C to 50 °C
Storage temperature: -10 °C to +70 °C
Humidity: Up to 90%
Dimensions: 255 x 141x 61mm
Weight: 0.3Kg

