

HD encoder DVB-T/C modulator

The DM303 V2 is a HD encoder. The video and audio are taken from HDMI. After compressing the video into H264 and audio in AAC or MPEG1-L2, the output signal is available in DVBT format. Standalone configuration is made easy through 3 tact switches. Extended configuration on of the DM303 V2 is possible using the DM303 V2 PC software.



TECHNICAL SPECIFICATIONS:

<u>Video input</u>	Input	HDMI
	Resolutions	480p -576p -720p - 1080i - 1080P
	Compression	H.264 – bitrate 1-15 Mb/s
<u>Audio input</u>	Input	HDMI
	Sampling rate	HDMI (32kHz / 44.1 kHz / 48 kHz)
	Compression	AAC-LC / MPEG1-L2– bitrate 128-384 Kb/s
<u>DVB treatment</u>	Table insertion	PAT, PMT, SDT, NIT
	Configuration	Channel/network name, SID, LCN, TSID, ONID, NID, versions, audio, video PIDs...
<u>DVB-T/C output</u>	Output frequency level	170-230 MHz + 470-862 MHz / > 84 dBμV, 47-862 MHz / > 82 dBμV
	Constellation - FEC	QPSK/16QAM/64QAM - 1/2, 2/3, 3/4, 5/6, 7/8 , 2K/8K : MER>35dB QAM16,32,64,128,256 / MER > 40 dB, Symbol rate: 2000-7000
	BW - Guard interval	BW : 6/7/8 MHZ GI 1/4, 1/8, 1/16, 1/32
<u>Power</u>	DC connector - 2.1mm	+5V
	Power consumption	4 Watts
<u>Dimensions</u>	LxWxH	160x90x45mm
	Weight	0.9 kg