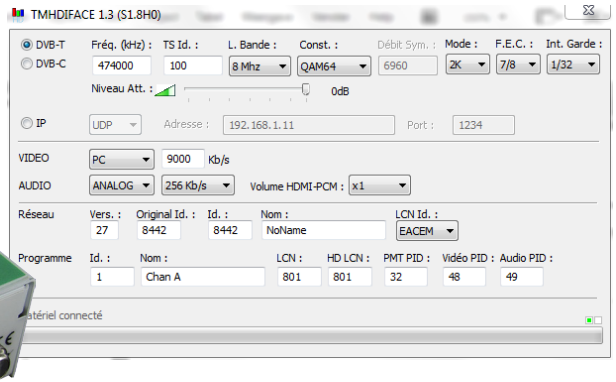
HD encoding - TM250HD

This 'state of the art' product, is a HD encoder. The video input can be taken from HDMI, PC or Component Video. The audio can be taken from HDMI or analog audio.

After compressing the video into H264 and audio in AAC, the output can be configured as DVB-T, DVB-C modulator or as IP streamer.

Stand-alone configuration is made easy through 4 tact switches and ergonomic menu's. To make the configuration of the TM250HD ultra simple, a special software TMHDIface is available.



Technical specifications

Video inputs	**Input**	HDMI - YUV - Computer analog input
	Resolution modes	480p -576p -720p - 1080i - VGA - SVGA - XGA - SXGA
	Compression	H.264 – bitrate 5-15 Mb/s
Audio inputs	**Input**	HDMI – L/R analog audio input
	Sample Rate	HDMI (32kHz / 44.1 kHz / 48 kHz) – Analog (48 kHz)
	Compression	AAC-LC – bitrate 128-384 Kb/s
DVB Processing	**Table insertion**	PAT, PMT, SDT, NIT
	Configuration	Channel/network name, SID, LCN, TSID, ONID, NID, versions, audio, video PIDs…
DVB-T output	Output frequency / level	170-230 MHz + 470-862 MHz / > 80 dBµV
	Constellation - FEC	QPSK/16QAM/64QAM - 1/2, 2/3, 3/4, 5/6, 7/8
	Guard interval	1/4, 1/8, 1/16, 1/32
	Mode - MER	2K/8K - 35 dB
DVB-C output	Output frequency / level	50-862 MHz / > 80 dBµV
	Constellation - Symbolrate	16, 32, 64, 128, 256 QAM (EN 300 429) - 4,00 - 6,96 Msps
IP streaming	Interface	10/100 Base-T
	Streaming	UDP/RTP...
Power	DC 2.1 mm connector	+5V
	Consumption	10 Watts
Dimensions	LxWxH	170x130x35mm
	Weight	0.6 kg
EAN code	TM250HD	5420037699250