951 HOME ELECTRONICS

DIGITAL MODULATOR HDMI & USB DVB-T/C



Code : **9510073**

Model : **DMH-541**

Description
Digital modulator designed to generate a digital terrestrial TV channel in DVB-T or DVB C from an HDMI signal or a file on a USB memory. Configurable using the built-in keyboard and display.

Applications
Modulates the audio and video signal from a video source: satellite receiver, Blu ray player, DVD, surveillance camera or file on a USB memory in order to distribute the signal throughout the installation.

Characteristics
It has HDMI input and loop through connectors. Compatible with SD and HD resolutions, UHD signal pass between HDMI input and loop through connector. Programs encoded in MPEG 2 or MPEG-4 AVC H.264. Audio encoder MPEG 1 Layer III, AC3, DTS or AAC. F type output connector. The output channel and the rest of the parameters are programmable through the built-in keyboard.

CODE		9510073
MODEL		DMH-541
HDMI Input		
Video encoding		H.264 / MPEG-2
Video interface		HDMI 2.2
Video resolution		576p / 720p / 1080p
Video bit rate	Mbp/s	5..30
Audio encoding		MPEG / AC3 / DTS / AAC
RF Output		
Frequency range	MHz	170..230 / 470..862
MER	dB	> 36
Output level	dBµV	70..100
Loop pass-through	MHz	5..2.200
	dB	≤ 2
DVB-T		
Modulation		QPSK / 16QAM / 64QAM
FEC		1/2 - 2/3 - 3/4 - 5/6 - 7/8
Guard interval		1/4 - 1/8 - 1/16 - 1/32
Mode		2K / 8K
Bandwidth	MHz	6 / 7 / 8
DVB-C		
Modulation		16QAM / 32QAM / 64QAM / 128QAM / 256QAM
General		
Power supply	Vdc	15 (External PSU)
Mains voltage	Vac	100-240 50/60Hz
Power consumption	W	4.8 Max 3.5 Energy saving mode
Dimensions	mm	193x109x39
Operating temperature	C°	0..45