

TM-02DVBT HDMI & AV To DVB-T Modulator

Technical Specification

HDMI Encoding Section		
Video	Encoding	MPEG-4 AVC/H.264
	Resolution	1920*1080p@60, 1920*1080p@50, 1920*1080i@60, 1920*1080i@50, 1280*720p@60, 1280*720p@50
	Aspect Ratio	16:9, 4:3
	Bit rate	1.000~18.000 Mbps
Audio	Encoding	MPEG1 Layer II
	Sample rate	48KHz
	Bit rate	64, 96, 128, 192, 256, 320kbps
DVB-T Modulator Section		
Standard	DVB-T COFDM	
Bandwidth	6M, 7M, 8M	
Constellation	QPSK, 16QAM, 64QAM	
Code rate	1/2, 2/3, 3/4, 5/6, 7/8	
Guard Interval	1/32, 1/16, 1/8, 1/4	
Transmission Mode:	2K, 8K	
MER	≥31dB	
RF frequency	50~950 MHz	
RF output level	0~ +6dBm	
System		
Upgrade	USB	
Power supply	DC 12V	
Operation temperature	0~45°C	

TM-02DVBT encoder & modulator is designed based on consumer electronics which allow audio/video signal input in TV distributions with applications in home entertainment, surveillance control, hotel Digital Signage, shops etc.

It is an all-in-one device integrating MPEG-4 AVC/H.264 encoding and modulating to convert audio/video signals into DVB-T RF out.

The signals source could be from STB, satellite receiver, closed-circuit television, cameras and antenna etc. Its output signal is to be received by a DVB-T standard TVs or STBs etc.



Ordering Information
 HDMI + AV to DVB-T Modulator, 1920x1080 video resolution, 50-950Mhz, 12Vdc
 Order Number: TM-02DVBT

Other Related Product
 HDMI to RF AV Modulator
 Order Number: TM-HDMI04AV