

DTM-HD01

ALL NEW Digital Modulator

1HD to 1RF, DVB-T Modulator



Specification

- ✓ Input: 1HDMI or 1A/V (not support HDCP)
- ✓ Output: 1 RF on DVB-T standard
- ✓ Video Encoding MPEG-4 AVC/H.264
- ✓ Support high resolution 1920*1080p@60P
- ✓ Support Bitrate 1.000~18.000 Mbps
- ✓ Audio Encoding on MPEG-1 Layer2
- ✓ Support RF output 50~950 MHz, 1 KHz stepping
- ✓ RF output level 100-110 dBuV
- ✓ Good performance MER ≥ 31 dB
- ✓ Manage channel list by LCN function
- ✓ Support channel name setting

Technical Specifications:

Encoding Section (HDMI)

Video:	
Encoding	MPEG-4 AVC/H.264
Interface	HDMI*1 , A/V*1
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	MPEG-1 Layer 2
Sample rate	48 KHz
Bit rate	64, 96, 128, 192, 256, 320 kbps

General

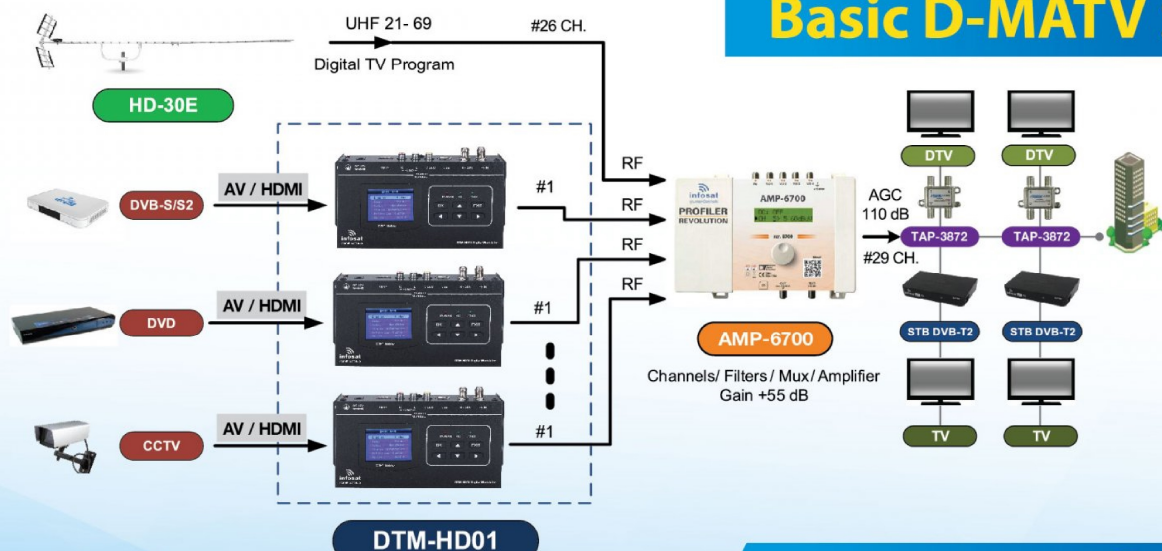
Power Supply	DC 12V
Dimension	183x100x43 mm
Weight	<1 kg

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	2K, 8K
MER	≥ 31 dB
RF Frequency	142.5~858 MHz, 1kHz stepping
RF Output Level	100 - 111 dBuV

System

Management	Local LCD + control buttons
Language	English
LCN Insertion	Yes
Upgrade	USB



Basic D-MATV System

Digital DVB-T Modulator, 1AV / HDMI to 1RF, 105 dB