

Features

- 1920*1080@50P/60P Full HD support
- MPEG4/AVC H.264 Encoding
- 1*HDMI in, 1*RF in, COFDM DVB-T RF out
- LCN support (Logical channel Number)
- Excellent modulation quality MER≥42dB
- RF Frequency range 30Mhz~960Mhz
- WEB NMS, easy operation
- Distribute HD channel via coax cable
- Breakthrough price--- cost down

Product overview

DHW-T1 is a H.264/AVC MPEG4 encoding, DVB-T modulation integrated device to convert HDMI signal to DVB-T RF out in the frequency range of 30~960MHz. It has equipped with 1 channel HDMI input, 1 RF input, and 1 RF output.

DHW-T1 can be connected to any HDMI source, with full HDCP support. The signals source could be from satellite receivers, closed-circuit television cameras, Blue-ray players, HDMI output computers and any other similar device etc. its output signal is to be received by a DVB-T standard TV or DVB-T Set top box.

Ordering guideline

Our design is individual module, for this series device the encoding module including five version for optional

- ✓ MPEG2 SD encoding with 1 CVBS module
- ✓ MPEG2 SD super encoding with 2 CVBS module
- ✓ MPEG4 AVC H.264 encoding with 1 SDI module
- ✓ MPEG4 AVC H.264 encoding with 1 HDMI module
- ✓ DVB-S2 tuner input module

Modulation module including three version for optional

- ✓ ISDB-T RF out module
- ✓ DVB-C RF out module
- ✓ DVB-T COFDM RF out module

DHW-T1



Specification

Encoding section

Video

Encoding	H.264/AVC High Profile Level 4.0(HD)
Input	HDMI*1
Resolution	1920*1080_60P, 1920*1080_50P, 1920*1080_60i, 1920*1080_50i, 1280*720_60p, 1280*720_50P

Audio

Encoding	MPEG1 Layer II
Sample Rate	48KHz
Bit Rate	64kbps, 96kbps, 128kbps, 192kbps, 256kbps, 320kbps

DVB-T modulator section

Standard	EN300744
FFT Mode	2K, 8K
Bandwidth	6M, 7M, 8M
Constellation	QPSK, 16QAM, 64QAM
Guard Interval	1/4, 1/8, 1/16, 1/32
FEC	1/2, 2/3, 3/4, 5/6, 7/8
MER	≥42dB
RF Frequency	30~960MHz, 1KHz step
RF Output Level	-30~ -10dBm(81~97 dBμV), 0.1dB step

Interface

Local Interface	LCD + control buttons
Remote Management	Web NMS
Language	English

General

Power Supply	AC 100V~240V
Dimensions	250*268*44mm
Weight	2.6kgs
Operation Temperature	0~45°C