

DHU-T2



Features

- 1920*1080@50P/60P Full HD support
- MPEG4/AVC H.264 encoding
- 2* HDMI in & 2 for Backup, 1*RF in
- RF COFDM DVB-T out
- LCN support (Logical Channel Number)
- Excellent modulation quality MER≥42dB
- RF Frequency range 30Mhz~960Mhz
- LCD display, Remote control and firmware
- Updates via web/Ethernet
- Lowest cost per channel --- breakthrough price

Product overview

DHU-T2 is a MPEG4/AVC H.264 encoding, DVB-T modulation integrated device to convert HD A/V signals to DVB-T RF out in the frequency range of 30~960MHz. It has equipped with 2 channel HDMI input, and 1 RF input.

DHU-T2 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, and antenna etc. its output signal is to be received by a DVB-T standard TV, DVB-T Set top box.

Ordering guideline

Our design is individual module, for this series device the encoding module can be changed to following different modules.

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

And modulation module can be change to

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

Specification

Encoding section

Video

Encoding	H.264/AVC High Profile Level 4.0(HD)
Input	HDMI*2 & 2 Backup
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	480*300*44mm
Weight	4.6kgs
Operation Temperature	0~45°C