

DVB-T Digital Modulator 4-Way Input Encoder

This digital modulator integrates MPEG-4 AVC/H.264 encoding and modulating function. It is compatible with multiple video formats and features a quad input that converts analog A/V source or HD source to four DVB-T channels.



Overview

Professional 4-Way Digital Modulator

This high-performance device integrates MPEG-4 AVC/H.264 encoding and DVB-T modulation into a single unit. It is designed to convert up to four analog A/V or HD sources into four DVB-T channels for distribution over coaxial networks. Featuring a 2.4-inch color LCD and HDMI loop-through, it offers a versatile solution for professional digital TV broadcasting and signal distribution.

Key Features

Key Features

- Integrated MPEG-4 AVC/H.264 encoding and modulation
- Quad-input design (4-way) for multi-channel distribution
- Compatible with multiple video formats
- 2.4-inch color LCD display for status monitoring
- HDMI Loop Through functionality
- USB-based firmware updates

Video Encoding

Video Compression	MPEG-4 AVC/H.264
Supported Resolutions	1080p@60, 1080p@50, 1080i@60, 1080i@50, 720p@60, 720p@50
Aspect Ratio	16:9, 4:3
Video Bit Rate Range	1.000 to 18.000 Mbps

Audio Encoding

Audio Compression	MPEG1 Layer II
Sampling Rate	48 KHz
Audio Bit Rates	64kbps, 96kbps, 128kbps, 192kbps, 256kbps, 320kbps

Hardware & Interface

Gecen® 佳讯



The unit features a clear LCD status display on the front and comprehensive connectivity including HDMI and CVBS on the rear.

Input Interfaces

- 4x HDMI In
- 4x CVBS Video In
- 4x Stereo Audio In (L/R)
- RF In
- USB (for updates)

Output Interfaces

- RF Out
- HDMI Loop Through

Power Input

12 V

DC Voltage

Compliance

Certifications

CE