

HD/AV to ISDB-T Encoder Modulator

This encoder modulator converts HD/AV signals into ISDB-T digital signals. It integrates MPEG-4 AVC/H.264 encoding and modulating functions.



Overview

Professional ISDB-T Encoder Modulator

The DM-02ITH is a high-performance integration of MPEG-4 AVC/H.264 encoding and modulating functions, designed to convert HD or analog A/V sources into an ISDB-T digital channel. This compact, wall-mountable device features a 2.4-inch color LCD display for intuitive configuration and supports updates via USB. It is an ideal solution for digital terrestrial television broadcasting, digital signage, and private cable TV headends.

Video Encoding

Video Compression

MPEG-4 AVC • H.264

Input Resolutions

- 1920*1080p @ 60/50Hz
- 1920*1080i @ 60/50Hz
- 1280*720p @ 60/50Hz

Aspect Ratio

16:9, 4:3

Video Bit Rate

18 Mbps

Audio Encoding

Audio Compression

MPEG1 Layer II

Sampling Frequency

48 KHz

Audio Bit Rate Options

64kbps, 96kbps, 128kbps, 192kbps, 256kbps, 320kbps

Hardware & Interface

Gecen® 佳讯



The device features a 2.4-inch color LCD and comprehensive I/O including HD IN/OUT, AV IN, and RF ports.

Integrated Display

2.4 inch
Color LCD

I/O Interfaces

- HD IN
- HD OUT (Loop-through)
- AV IN (CVBS)
- USB (for updates)
- RF IN
- RF OUT

Power Input

DC 12V

Configuration

Management Features

- Source Selection
- Stream Setup
- Modulator Setup
- RF Gain Adjustment
- User Channel Definition

Physical Design

Installation

Wall mountable