

HD to DVB-T RF Encoder Modulator

This HD to DVB-T RF encoder modulator converts high-definition audio and video signals into DVB-T digital television signals. The digital modulator supports HD input and output, plus USB connectivity.



Overview

Professional HD to DVB-T Conversion

This HD to DVB-T RF Encoder Modulator is a high-performance device designed to integrate MPEG-4 AVC/H.264 encoding with digital modulation. It allows users to convert high-definition audio and video sources into a standard DVB-T channel for distribution over existing RF networks. Its compact, wall-mountable design and USB update capability make it an ideal solution for commercial and residential digital signage or entertainment systems.

Key Features

Key Features

- Integrated MPEG-4 AVC/H.264 encoding and modulation
- Compatible with multiple video formats
- Converts HD source to a DVB-T digital channel
- Compact and wall-mountable form factor
- Firmware updates via USB port

Video & Audio Encoding

Video Encoding	MPEG-4 AVC/H.264
Supported Resolutions	1080p@60, 1080p@50, 1080i@60, 1080i@50, 720p@60, 720p@50
Audio Encoding	MPEG1 Layer II

Modulator Specifications

RF Output Level

107 dBV₄

Min Output

113 dBV₄

Max Output

Modulation Standard	DVB-T COFDM
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System & Interface

Gecen® 佳讯



On-Device Controls

- Channel Selection (CH21 display)
- Mode Selection
- OK / Enter
- Exit
- Navigation Buttons

Available Ports

HD IN, HD OUT, USB, RF OUT, RF IN, DC 12V

Power Supply

DC 12V

Compliance

Certifications

CE