



HDM-401

1080p unencrypted HDMI Encoder / Modulator

HOATECH TECHNOLOGIES CO., LTD.



The HDM-401 provides you with more flexible installation solutions, you can choose stand-alone or 1U rack mount for installation. The HDM-401 can convert the audio and video signal from an external media source (DVR, satellite receiver, Blu-ray DVD player, Smart TV receiver etc.) into a DVB-T/ISDB-T/J.83B digital television channel. The channel generated from the source can be transmitted together with the free-to-air DTT signals. It can all be distributed over a single coaxial cable and the media contents displayed on any of the receiver devices in the installation.

This series is ideal for multi-dwelling building, clubs, restaurants, hospital, motels and Hotels

FEATURES

- 4 x HDMI input
- HDMI 1.3
- HDCP 1.4
- High-quality encoding
- Automatic detection of the input resolution
- A complete series for different applications
- Powering other device from the USB port
- -30dB RF test point
- Supports flexible installation solutions



1U rack mount



Desktop type

**PROVIDES
FLEXIBLE
INSTALLATION
SOLUTIONS**



SPECIFICATIONS

INPUT

Video & Audio input | 4 x HDMI

Connector Type | HDMI Type A receptacle/RCA

Input Video Resolution | Up to 1080p@60Hz

Output Video Resolution | Up to 1080p@30Hz

PC Resolution | 800×600 / 1024×768/1280×600

1280×720 / 1280×768 / 1360×768/1366×768

Audio | Embedded audio from HDMI input

ENCODER

Video Encoding Format | H.264/AVC

Video Encoding Bit Rate | 4 to 14 Mbps per channel

Audio Encoding Format | MPEG-1 Layer II, AC-3, AAC, PCM

Audio Bit Rate | 128, 192, 256, 384 Kbps

PID Setting | PMT, Video&Audio, PCR

PSI | NID, ONID, P.D.S., TS ID

LCN | Up to 1023

Service Name | At most 15 characters

DVB-T RF OUTPUT

Standard | DVB-T (ETSI EN 300 744 V1.5.1)

Number of Carriers | 2K/8K

Guard Interval | 1/4, 1/8, 1/16, 1/32

FEC | 1/2, 2/3, 3/4, 5/6, 7/8

Constellation | 16QAM/64QAM

Bandwidth | 6/7/8 MHz

RF Carrier | 1

Frequency | 50-860 MHz

Output level | 90-105 dBμV

MER | > 36 dB

Connector Type | 'F' female connector

CONFIGURATION

On-site management | LCD panel & Buttons

Remote Network Interface | Built-in Web GUI via 10/100M Ethernet

ISDB-T RF OUTPUT

Standard | ARIB STD-B31

Number of Carriers | 2K/4K/8K

Guard Interval | 1/4, 1/8, 1/16, 1/32

FEC | 1/2, 2/3, 3/4, 5/6, 7/8

Constellation | QPSK/16QAM/64QAM

Bandwidth | 6 MHz

RF Carrier | 1

Frequency | 50-860 MHz

Output level | 90-105 dBμV

MER | > 36 dB

Connector Type | 'F' female connector

J.83B RF OUTPUT

Standard | ITU-T J.83B (ETSI EN 300 429)

Symbol Rate | 3.000~7.000 Msps

Constellation | 64/256 QAM

RF Carrier | 1

Frequency | 100-860 MHz

Output level | 90-105 dBμV

MER | > 26 dB

Connector Type | 'F' female connector

USB

Function | Power other device, Firmware update, Quick setup

GENERAL

Type | Stand-alone/1RU rack mount with rack ears

Enclosure Type | Metal

Dimensions/Weight | 284x165x57mm/1kg

Input Voltage | 12VDC

Power consumption | 19W Typ.

Operation temperature | 0 to +55 °C

Accessories | DC 12V/1A external power supply