



SDM-1

1 x CVBS to 1 x DVB-T

HOATECH TECHNOLOGIES CO., LTD.



Hoatech

The SDM-1 is ideal for converting an analogue AV signal either from a satellite decoder, DVD player, video surveillance camera or video door phone and modulating it into a digital format (DVB-T) for distribution in a TV cable network. With intuitive, simple menus, the SDM-1 provides easy and fast installation while ensuring peak performance. It now comes with selectable aspect ratio, either 4:3 or 16:9. The latest intelligent electronic components have been used in the design of the SDM-1. Combine this with the latest software and hardware advances and you have a product that boasts optimum performance and reliability.

FEATURES

- Easy to Program Basic and Advanced Menus
- Low Insertion Loss Antenna Input (<1.5dB)
- Adjustable Output Level
- Frequency and Offset
- Selectable Aspect Ratio
- Selectable 2K/8K Carrier
- Adjustable Constellation
- FEC and Guard Interval
- Adjustable Color, brightness, contrast
- Adjustable LCN
- Programmable Channel Name
- Variable Video and Audio Bit Rates



1U rack mount



Couple mount



4U rack mount

100%
TAIWAN
MANUFACTURED





SPECIFICATIONS

INPUT

Video & Audio input | 1x CVBS

Connector Type | RCA

Input Video Resolution | 480i/576i

Output Video Resolution | 480i/576i

Audio | RCA (Left, Right stereo channels)

DVB-T OUTPUT

DVB-T 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 | QPSK/16QAM/64QAM

Bandwidth | 6/7/8 MHz

RF Carrier | 1

Frequency | 50-860 MHz

Output level | 75-90 dBμV

MER | > 36 dB

Connector Type | 'F' female connector

SYSTEM

Video encoding | MPEG-2 Video (ISO/IEC 13818-2)

MPEG-2 MP@ML, MPEG2 MP@H-14L

Audio encoding | MPEG-1 audio layer II

Audio bit rate | 128 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

CONFIGURATION

On-site management | LCD panel & Buttons

GENERAL

Type | Stand-alone

Dimensions/Weight | 40×146×137mm/0.68kg

Power supply | DC 12V/1A external power supply

Power consumption | 8W

Operation temperature | 0 to +55 °C

Accessories | DC 12V/1A external power supply

Hoatech Technologies Co., Ltd.

2F, No.15, Xingfu St. Zhubei City, Hsinchu County 30271, Taiwan (R.O.C)

Phone: +886-3-6576647 **Fax:** +886-3-6576797

www.hoatech.com.tw **E-mail:** sales@hoatech.com.tw

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