

SDM4

4 x CVBS to 1 x DVB-T



INTRODUCTION

The quad SD encoder/modulator can be deployed in any DVB-T market or environment across the world. Multiple SDM4 can be easily combined to build an independent head-ends, each unit can distribute four channels of digital SD throughout your facility over traditional coax cable infrastructure. New features include adjustable aspect ratio and video sharpness now available in our advanced version.



THE SOLUTION PROVIDER

ANYWHERE, ANYTIME, FOR EVERYONE!

FEATURES

- Ease of management – On-site or remote management via front panel display and intuitive web interface
- Fan-less product – Natural convection cooling for reducing maintenance costs
- Aspect Ratio – Programmable 16:9 or 4:3

SPECIFICATIONS

INPUT

Video & Audio input | 4 x CVBS

Connector type | RCA

Video resolution | 576i/480i

Audio | RCA (Left, Right stereo channels)

DVB-T RF 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 | 16QAM/64QAM

Bandwidth | 6/7/8 MHz

RF Carrier | 1

Frequency | 100-860 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 999

Service Name | At most 15 characters

CONFIGURATION

On-site management | Number LED Display & Knob

Remote operation | Control over LAN (Web GUI)

GENERAL

Type | Din rail, rack ears attached

Dimensions/Weight | 236x39x224mm / 2kg

Power supply | AC 110 – 240 internal power supply

Power consumption | 24W

Operation temperature | 0 to +55 °C

Accessories | 12VDC/2A Power Adaptor