

SDM-4150

4 x CVBS to 1 x DVB-T



INTRODUCTION

The professional quad SD encoder/modulator can be deployed in any DVB-T market or environment across the world. Multiple SDM-4150 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

- Quick Setup – For one or multiple modulators installed in the same system
- USB Input – Save configuration and install configuration off a USB
- 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 | 80-95 dBμV

MER | > 42 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

Remote operation | Control over LAN (Web GUI)

GENERAL

Type | 1RU 19-inch rack mount, rack ears attached

Dimensions/Weight | 44x440x280mm / 3.5 kg

Power supply | AC 110 – 240 internal power supply

Power consumption | 25W

Operation temperature | 0 to +55 °C

Accessories | 1 x AC power lead