

CLEAR VIEW

SD4260 Quad SD Modulator MPEG2

4* S-Video/YPbPr/CVBS → DVB-T RF



Product Overview

The SD4260 is ClearView's all-in-one devices which integrates encoding and modulating in one chassis to convert A/V signals into a digital DVBT RF output. The signals source could be from satellite receivers, closed-circuit television STBs and cameras etc. Its output signal can be received by DVBT TVs and STBs. CVBS, Component and S-Video inputs made it easily adaptable to many situations. It can stream via the IP port or connect to other equipment with the optional ASI port. The SD4260 is a a good value for money choice to offer additional channels.

Key Features

- 4* S-Video/YPbPr/CVBS inputs; 1*RF input for mix
- MPEG2 video encoding; MPEG1 Layer II and AC3 audio encoding
- DVB-T RF output; 1 IP output

- LCN support (Logical Channel Number)
- Excellent modulation quality: MER≥42dB
- LCD display, Remote control and Firmware, web NMS management
- Updates via web

Specifications

Input

4xS-Video/YPbPr/CVBS (RCA)
1×RF input for RF mixer, for combiner

Encoding Section

Video

Encoding	MPEG-2 MP@ML(4:2:0)
Interface	S-Video/YPbPr/CVBS *4 (RCA)
Bitrate	1-19.5Mbps
Rate Mode	CBR/VBR
Resolution	720*480_60i, 720*576_50i
Aspect Ratio	16:9,4:3, 1:1, 2.21:1

Audio

Encoding	MPEG1 Layer II; AC3 (Dolby Digital)
Interface	4*Stereo or 8*mono (RCA)
Sample rate	48KHz
Bit rate	64kbps, 96kbps,128kbps, 192kbps, 256kbps, 320kbps

DVB-T Modulator Section

Standard	EN300744
FFT mode	2K, 8K
Bandwidth	6M, 7M, 8M
Constellation	QPSK, 16QAM, 64QAM

Guard Interval	1/4, 1/8, 1/16, 1/32
FEC	1/2, 2/3, 3/4, 5/6, 7/8
MER	≥42dB
RF frequency	30~960MHz, 1KHz step
RF Out	DVB-T RF
RF output level	-30~ -10dbm (77~97 dbμV), 0.1db step

Stream Output

1*RF
1 IP over UDP/RTP, 10/100Base-T Ethernet interface (unicast / multicast)

Interface

Local interface	LCD + control buttons
Remote management	Web NMS Management
Language	English

General

Power supply	AC 100V~240V
Dimensions	482*300*44.5mm
Weight	3.5 kgs
Operation temperature	0~45 °C

Principle Chart

