

4 Input SD Modulator

BC84671



BC84671 4 Input SD Modulator product is an all in-one device which integrates encoding and modulating in one chassis to convert A/V signals into a Digital RF output.

The signal source could be from satellite receivers, closed circuit television, STB's and cameras, etc. Its output signals are to be received by TV's, STB's etc. with the same corresponding standard.

The modulator position can be set via LCD or web browser and stops transport stream ID conflicts, and speeds up installation.

Key features

- 4 S-Video/ YPbPr/CVBS inputs
- 1 RF input for mixing
- DVB-T RF output
- 1 IP output
- LCN support (logical Channel Number)
- Excellent modulation quality: MER>42dB
- LCD Display
- Firmware
- Web NMS management
- Updates via web

Specifications

Input

- 4 S-Video/YPbPr/CVBS (RCA)
- 1 RF input for RF combining

Stream Outout

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

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 (77~97dBuV), 0.1dB step

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
Bitrate	64, 96, 128, 192, 256, 320kBps

Interface

Local Interface	LCD + control button
Remote Management	Web NMS Management
Language	English

General

Power Supply	AC 100-240V
Dimensions	482*300*44.5mm
Weight	3.5kg
Operating Temperature	0-45°C

Principle Chart

