

HD/SD MPEG-2/MPEG-4 DVB-S2 Encoder Modulator Decoder Kit with live video display



Kit Includes:

HD DVB-S2 IRD
DECODER LCD DISPLAY

HD-SD H264-MP2 ENCODER

DVB-S2 SATELLITE MODULATOR

SHOCK PROTECTED RACK CASE

INCLUDES FULL ACCESSORIES KIT,
READY TO BE DEPLOYED IN LESS THAN 30 MIN

Encoder Modulator Features:

- SD/HD Encoding Support
- HD SDI Input
- Support DVB-S/S2 RF output and ASI output
- LCN support (Logical Channel Number)
- Output Frequency: 950-2150MHz
- Symbol Rate: 0.05-20Msps
- Support BISS function
- Support 10MHz reference clock
- Support Web NMS and front panel LCD & keyboard control
- Upgrade device through web NMS



Specifications

Input Interface

HD SDI	
1×ASI input, BNC interface	
Encoding	Option 1: H.264/AVC High Profile Level 4.0(HD) H.264/AVC High Profile Level 3.0 (SD) Option 2: MPEG-2 SD
Input	SDI*1
Resolution	1920*1080_60P, 1920*1080_50P, 1920*1080_60i, 1920*1080_50i, 1280*720_60p, 1280*720_50P 720*480_60i, 720*576_50i

Audio

encoding	MPEG1 Layer II
Sample rate	48KHz, 44.1KHz
Bit rate	64kbps, 96kbps,128kbps, 192kbps, 256kbps, 320kbps, 384kbps

RF out

DVB-S/S2 RF output and ASI output

DVB-S/S2 Modulation Section

DVB-S QPSK: FEC 1/2,2/3,3/4,5/6,7/8
DVB-S2 QPSK:FEC 1/2,3/5,2/3,3/4,4/5,5/6,8/9,9/10
DVB-S2 8PSK FEC 3/5,2/3,3/4,5/6,8/9,9/10
RF output : 950.00-2150.00 MHz, step 10KHz
Symbol rate: 0.05-20.0MSPS
Output level adjustable -16db-0, maximum output level≥-8dbm

System

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

General

Demission	410×460×44mm (W*L*H)
Temperature	0~45℃ (operation), -20~80℃ (storage)
Weight	4.5kgs
Power Supply	AC 100-240V 50/60Hz 2A



Powercast DVB-S2 HD IRD with confidence LCD video monitor

Key Features

- Supports L band, IP TS and ASI Inputs
- Supports MPEG-2 & MPEG-4 video decoding
- Includes CAM de-encryptionth CAM module
- Outputs ASI, IP as well as various video/audio interfaces.
- Video outputs HD/SD-SDI, YPbPr, HDMI, CVBS
- Audio Outputs stereo balanced audio, stereo unbalanced audio
- Control via front panel LCD or NMS/SNMP or Webpage-based NMS
- Supports AC3 pass through
- Re-multiplexer embedded
- Supports Tuner, IP, ASI Input at the same time
- Supports IP, ASI, Decoding output at the same time
- Supports ASI and IP MPTS Concurrent Output
- Supports CAM card insert (CI/CI+)
- Supports CC (Closed Caption)