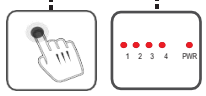
HP-7992

2 ROUTE MODULATOR

HP-7992 modulator is developed to adapt global terrestrial digital television.It's mainly applied in home entertainment, surveillance control, hotel Digital Signage, shops etc. And it is integrating MPEG-4 AVC/H.264 encoding and modulating to convert HD signals (AV optional) into DVB-T/DVB-C/ISDB-T RF out.

KEY FEATURES

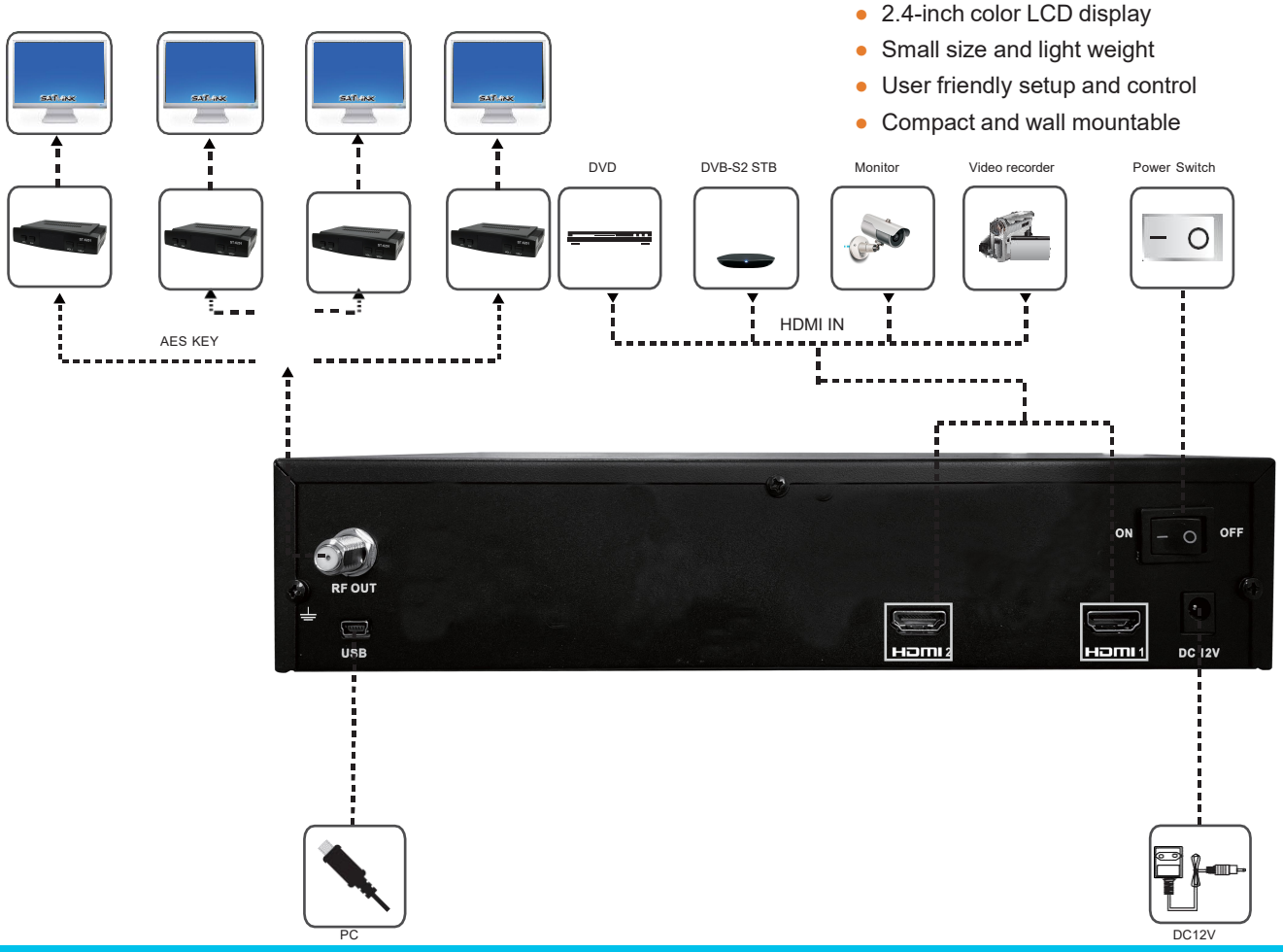




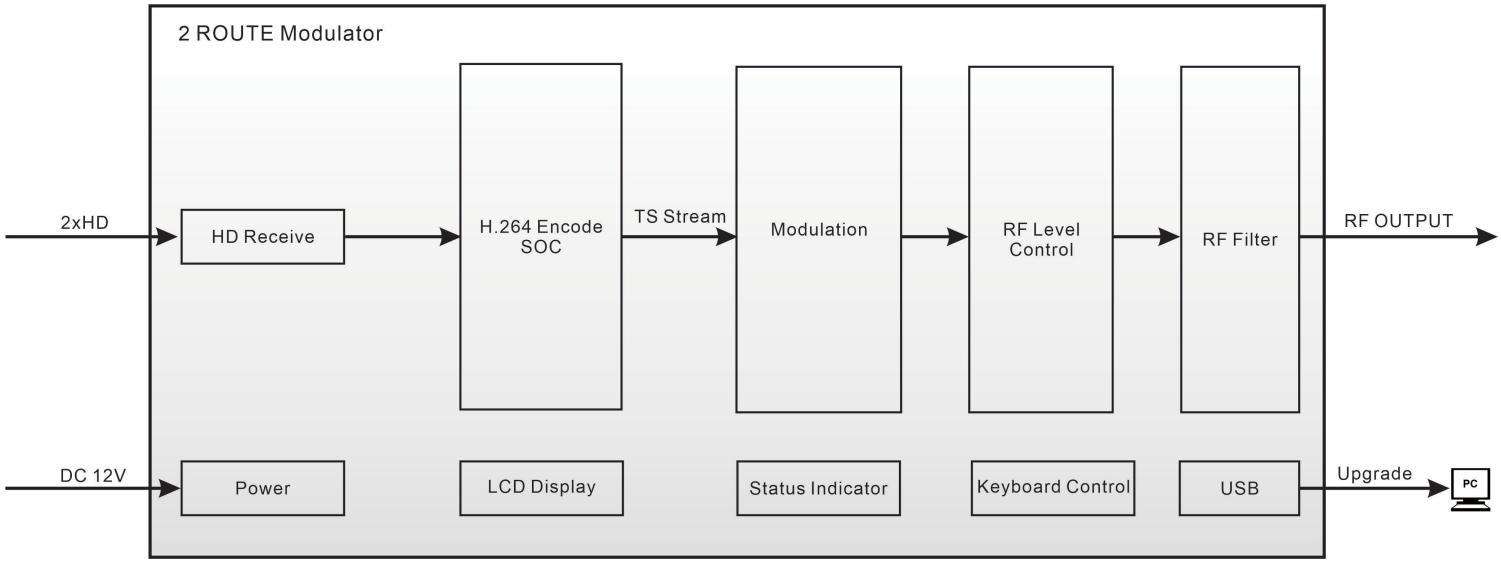
Key Button

Indicator

- High level of integration, high-performance, Full-featured,integrated design
- 2 route input modulator that converts HDMI source to a DVB-T/DVB-C/ISDB-T channel
- Standard COFDM modulation and H.264 encoding
- Frequency range: 50~860MHz
- Continuously adjustable RF attenuation range from 0dB to 30dB, step 1dB
- 2.4-inch color LCD display
- Small size and light weight
- User friendly setup and control
- Compact and wall mountable



FUNCTIONAL BLOCK DIAGRAM



TECHNICAL SPECIFICATIONS

DVB-T Mode	
MER	>32dB
Constellation	QPSK / 16QAM / 64QAM
Bandwidth	6 / 7 / 8 MHz
Carriers	2K / 8K
Guard Interval	1/4, 1/8, 1/16, 1/32
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8
Frequency Range	50 ~ 860MHz
Attenuator	0 ~ 30dB
Output Impedance	750

DVB-C Mode	
Bandwidth	8M
Symbol Rate	6875kbps, editable
Constellation	QAM-16/QAM-32/QAM-64/ QAM-128/QAM-256
MER	>32dB
Frequency Range	50 ~ 860 MHz
Attenuator	0 ~ 30dB
Output Impedance	750

Video Output	
Video Resolution	11920*1080_30P, 1920*1080_25P; 1920*1080_30i, 1920*1080_25i; 1280*720_30p, 1280*720_25P

ISDB-T Mode	
Bandwidth	6M
Carrier	2K/4K/8K
Constellation	QPSK/QAM-16/QAM-64
Code Rate	1/2, 2/3, 3/4, 5/6, 7/8
Guard Interval	1/4, 1/8, 1/16, 1/32
MER	>32dB
Frequency Range	50 ~ 860MHz
Attenuator	0 ~ 30dB
Output Impedance	750

HD Input	
Compression	H.264 - bitrate 1-20 Mb/s
Video Resolution	1920*1080_60P, 1920*1080_50P;
Connector	HD

General	
Power Source	DC 12V/1.5A
Operating	0 ~ +45°C
Dimensions	280mm(L) ×203mm(W) × 61mm(H)
Weight	1.52Kg