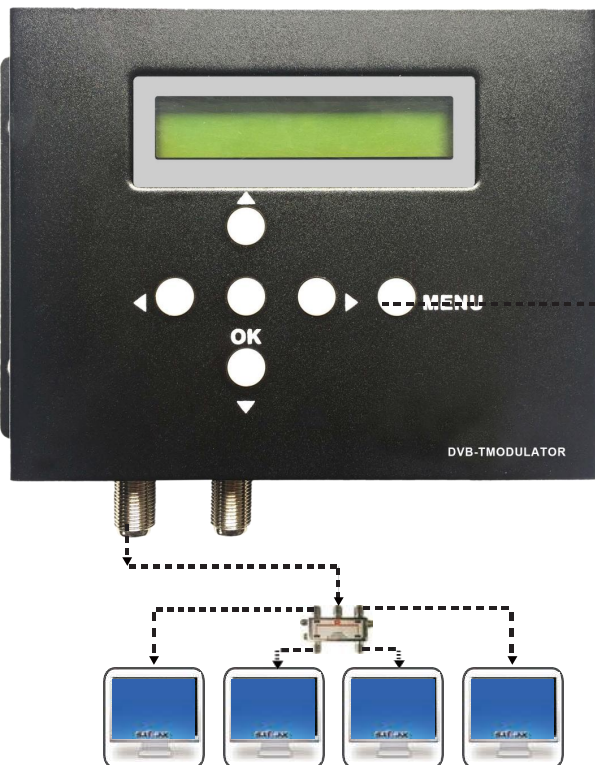


HP6503 SINGLE HD DVB-T MODULATOR

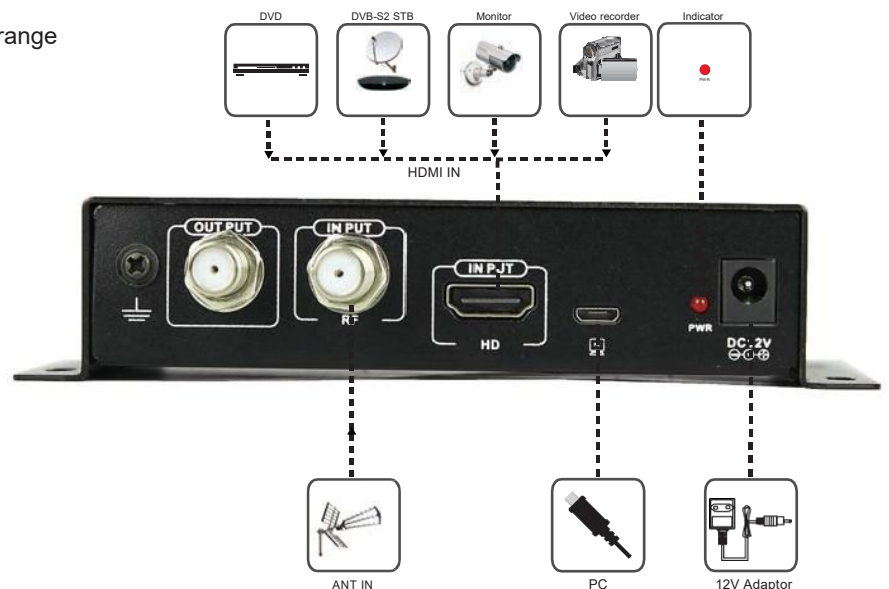
HP6503 modulator is developed to adapt terrestrial digital television. It's mainly applied inhome entertainment, surveillance control, hotel Digital Signage, shops etc. And it is integrating MPEG-4 AVC/H.264 encoding and modulating to convert audio/video signals into DVB-T RF out.

KEY FEATURES

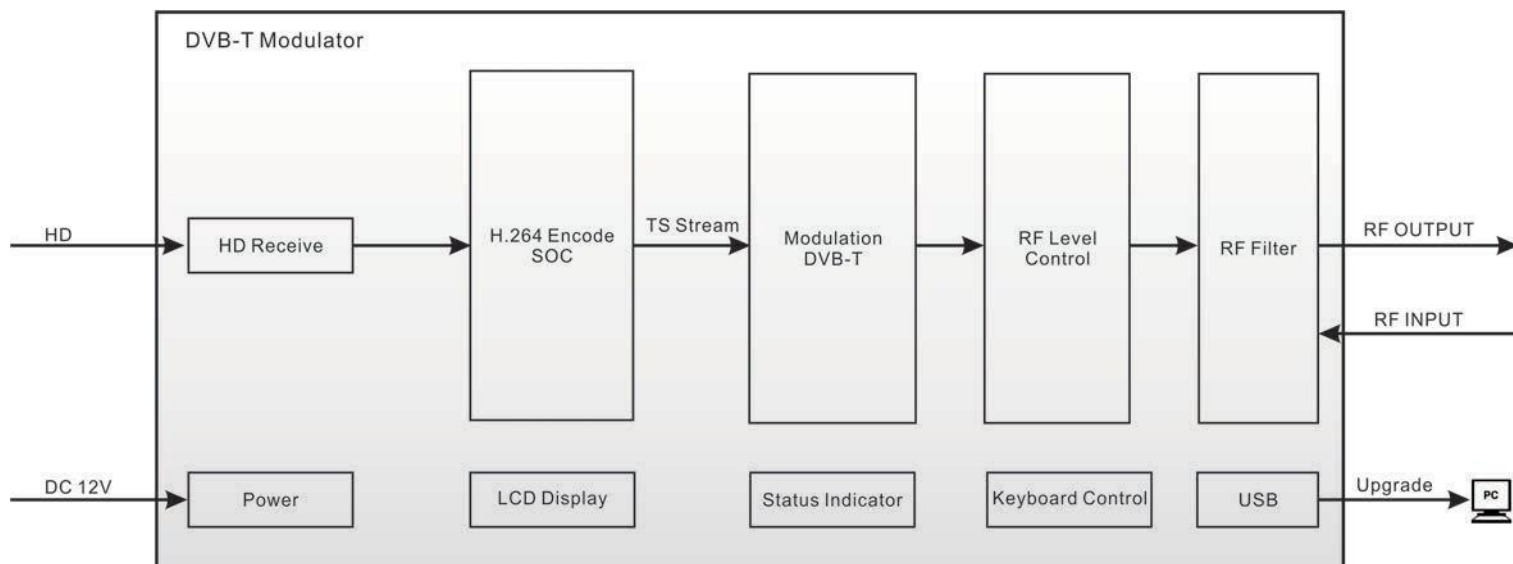


- High level of integration, high-performance, Full-featured,integrated design
- Single input modulator that converts HD source to a DVB-T channel
- Standard COFDM modulation and H.264 encoding
- Multiple video format compatibility including 720p / 1080p
- Bandwidth: 6/7/8MHz
- Frequency range: 100~860MHz

- Continuously adjustable RF signal output level range 70dBuV from 100dBuV, step 1dBuV
- 16*2 LCD lattice screen
- Small size and light weight
- Carriers 2K and 8K
- User friendly setup and control
- Compact and wall mountable



FUNCTIONAL BLOCK DIAGRAM



TECHNICAL SPECIFICATIONS

Modulator	
Standard	DVB-T
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	100 ~ 860 MHz
RF Level	70 ~ 100 dBuV
Output Impedance	750
HD	
Compression	H.264 - bitrate 5-15 Mb/s
Video Resolution	1920*1080_60P, 1920*1080_50P; 1920*1080_60i, 1920*1080_50i; 1280*720_60p, 1280*720_50P
Connector	HD
General	
Power Source	DC 12V / 1.5A
Operating Temperature	0 ~ +45°C
Dimensions	125mm(L) × 100mm(W) × 28mm(H)
Weight	0.5Kg