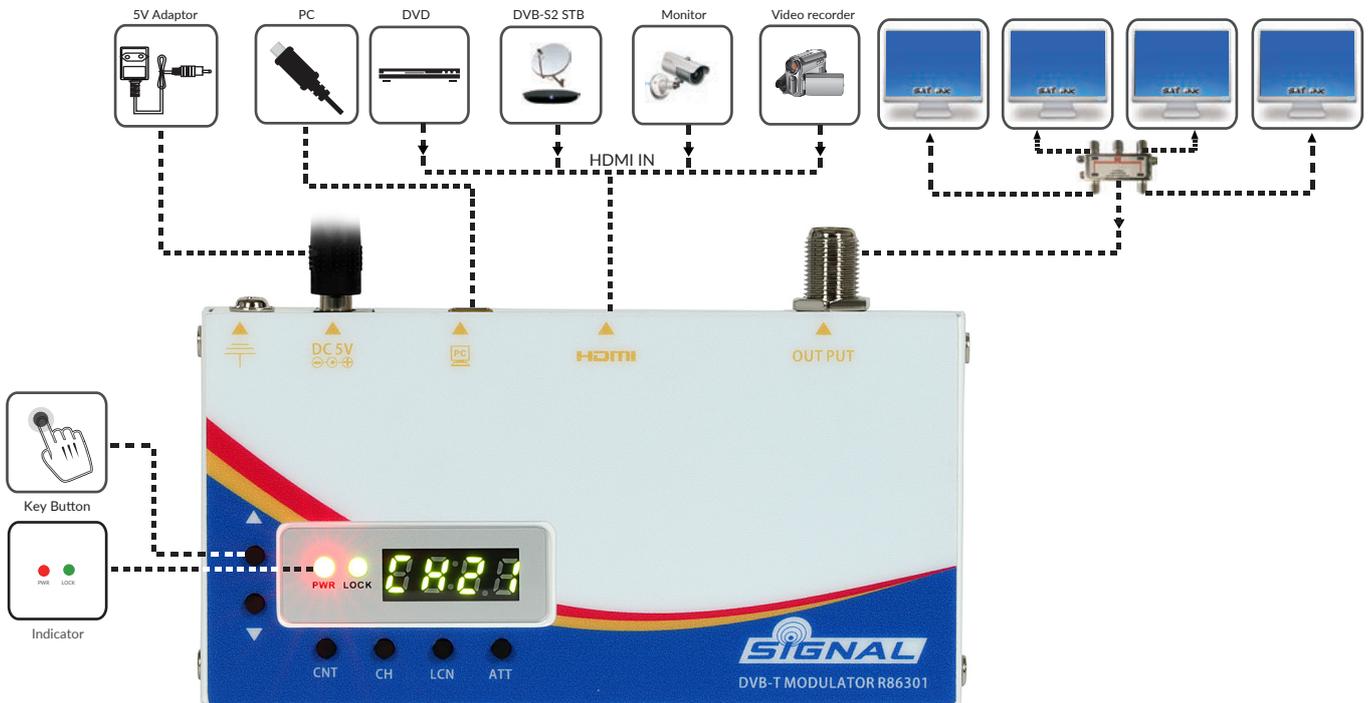


Signal HDMI - 1xCOFDM (DVB-T)

DVB-T MODULATOR

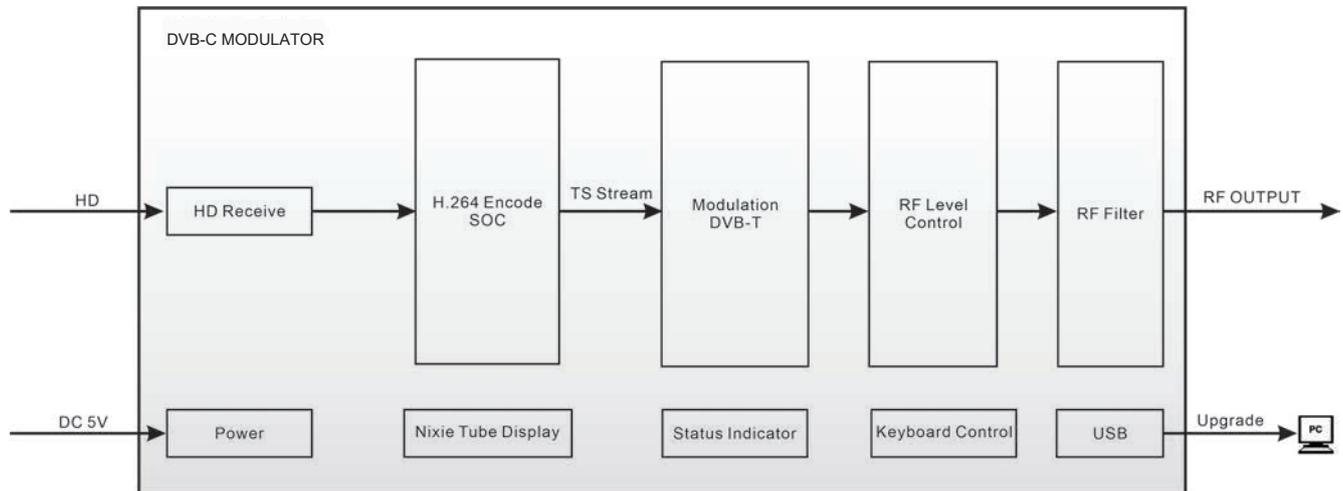
Signal is developed to adapt global terrestrial digital television. It's mainly applied in home entertainment, surveillance control, hotel Digital Signage, shops etc. And it is integrating MPEG-4 AVC/H.264 encoding and modulating to convert HD signals into DVB-T RF out.

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: 7 / 8 MHz
- Frequency range: 174 - 230 MHz, 470 - 862 MHz
- 4-digit LED display
- Small size, lightweight
- User friendly setup and control

FUNCTIONAL BLOCK DIAGRAM



TECHNICAL SPECIFICATIONS

Modulator	
Standard	DVB-T
Constellation	64QAM
Bandwidth	7 / 8 MHz
Carriers	8K
Guard Interval	1/32
Code Rate	2/3
MER	>28 dB
Frequency Range	174 - 230 MHz, 470-862 MHz
RF Level	95 ~ 100 dBuV
Output Impedance	75Ω
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 5V / 1A
Operating Temperature	0 ~ +50°C
Dimensions	127mm(L) × 65mm(W) × 17mm(H)
Weight	195g