



DC 12 V

DVB-T
MODULATORVHF
174~233MHzUHF
470~858MHzHDMI
INPUTEASY
CONFIGURATIONUP TO
1080i
INPUTADJUSTABLE
RF OUTPUT
LEVELUSB
UPGRADES

MAIN FEATURES

- HDMI to RF Modulator
- Compact size
- LED display - Easy configuration
- DVB-T Frequency range: 174-233MHz (VHF) & 470-858MHz (UHF)
- HDMI 1.4 input connection (up to 1080i resolution)
- LCN - Logical Channel Number support
- Adjustable ONID, TSID & Network Name values
- Adjustable Channel Name
- QPSK, 16QAM, 64QAM modulation support
- 90dB μ V RF output (Adjustable between -14dB ~ +6dB)
- Software upgrades via USB
- Backup and restore configuration via USB



TECHNICAL SPECIFICATIONS

System Resources

Host CPU:	200MHz 32Bits RISC
Security processor:	200MHz 32Bits
Audio processor:	200MHz 32Bits
RAM memory:	DDRII 16bit 512Mbits
Flash memory:	NOR Flash 32Mbits

Input & Output connections:

HDMI:	Type A, ver 1.4a
USB:	High Speed USB 2.0 connection
RF Output:	F Type

Encoder:

Video encoder:	ISO/IEC 11172-2 MPEG1 ISO/IEC 13818-2 MPEG2 MP@HL ISO/IEC 14496 MPEG4 Compliant Support SP@L3 to ASP@L5 ISO/IEC 14496-10 AVC, HP@level4.1, MP@level4.1 H.264 profile 0 JPEG base-line, progressive
Aspect ratio:	16:9, 4:3 Letter Box, 4:3 Pan Scan
Resolution:	up to 1080i
Audio encoder:	MPEG1 layer1/2, MPEGII Layer II AAC LC, HE-AAC v1/v2 (2-CH)

Modulation:

Output frequency range:	174-233MHz (VHF) 470-858MHz (UHF)
Output impedance:	50Ω
Forward Error Correction (FEC):	1/2, 2/3, 3/4, 5/6, 7/8
Guard Interval:	1/4, 1/8, 1/16, 1/32
Constellations:	QPSK, 16QAM, 64QAM
RF output level	Default: 90dBuV Adjustable: 0 to -14dB, 0 to +6dB
Bandwidth:	7MHz (VHF), 8MHz (UHF)
FFT:	2K, 8K
Symbol rate range:	Up to 31.668 Mbps

Front Panel:

Display:	4 Digit LED display
LED:	Power, Lock, Signal indicators
Buttons:	6 buttons

Power Supply

Input voltage:	100~240V AC
Output voltage:	12V DC
Power consumption:	~10W

Physical Specifications:

Dimensions:	147mm x 104mm x 29mm (WxDxH)
Material:	Metal cabinet