

SUNNISKY 2007DTR Digital Terrestrial TV Receiver (DVB-T CA STB)

The SUNNISKY 2007DTR digital terrestrial TV receiver (DVB-T CA STB) embedded encrypted channels, could receive digital terrestrial TV signal in the air with high performance and high sensitiveness.

By aids of the high reliable design for its hardware and software, SUNNISKY 2007DTR will restore truly the digital TV signal to the Video/Audio signal with sharp, clear, high quality picture and Hi-Fi stereo sound effect, and present perfect and true color image.



Feature

- Fully comply with DVB-T and MPEG-2 standards
- 1 Smart Card Reader and Slot (comply with ISO-7816)
- Multi CAS support including Tsinghua Tongfang, CTI, Irdeto, CONAX, etc, specially embedded DVB SUNNISKY CA1000 CA system
- Single CMOS chip NEC 61110 with 216MHz CPU Frequency(233Mips)
- 6MHz or 7MHz or 8MHz bandwidth could be directly selected from OSD MENU
- RF loop in and out
- S-Video output
- SPDIF output
- UHF Channel RF modulator output
- NIT table search function
- EPG (Electronic Program Guide) function
- Automatic PAL / NTSC conversion and vice-versa
- Support for English, Chinese, etc., multi-linguistic menu
- Beautiful menu with 2D-figure speedup engine
- One game to play
- Support VBI Teletext (DVB compliant) and subtitle(Optional)
- 4:3 or 16:9 screen format selectable
- 720 X 576 video resolution
- LED display and user friendly control
- Automatically restored after power failure
- Software upgrading via RS-232 port

Specifiction

Channel Decoding	
Complies with	DVB-T&MPEG2 standard
Demodulation	COFDM
Constellations	QPSK, 16QAM, 64QAM
Channel encoding	RS (204, 188, T=8)
Symbol rate	3.6~6.952Ms/s
RF Input	
Input frequency	VHF: 174MHz to 230MHz; UHF: 470MHz to 862MHz
Input level	60~80dB μ V
Input impedance	75 Ω
Bandwidth	6MHz or 7MHz or 8MHz selected directly from OSD MENU
AV Output	
Video pre-emphasis	CCIR REC. 0405-1, 625 LINES
Video bandwidth	5.5MHz

Video output impedance	75Ω
Video output level	700+30mVp-p
Audio output frequency	20~20KHz
Audio output impedance	Low impedance
Audio output level	0dBm
Video	
Compression type	ISO/IEC13818-2 MPEG-2 MP@ML
Output system	NTSC / PAL / AUTO
Aspect ratio	4:3, 16:9
Video output	CVBS*1, S-VHS*1, SCART*1 (Optional)
Audio	
Audio decoding standard	ISO/IEC 13818-3 and ISO/IEC 11172-3 MPEG-1 LAYER I, II
Audio output modes	Stereo Channel, Dual Mono, Joint Stereo Channel
Sampling rate	32, 44.1, 48KHz
Digital audio output(Optional)	SPDIF
General	
Power supply	SMPS, 100V~240V AC @ 50H~60Hz, <20W
Dimension	260mm×206mm×48mm
Weight	2.1Kg

Note: All specifications are subject to change without notice.



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