

**SUNNISKY 2009DCR Digital Cable TV Receiver  
(DVB-C CA STB)**

SUNNISKY 2009DCR digital cable TV receiver (DVB-C CA STB) embedded encrypted channels, could receive the digital TV signals from Cable TV network or MUDS (Multipoint UHF-channel Distribution System) with high performance and high sensitiveness.

By aids of the high reliable design for its hardware and software, SUNNISKY 2009DCR 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 complies with DVB-C and MPEG-2 standards
- 1 Smart Card Reader and Slot (comply with ISO-7816)
- Multi CAS support including Tsinghua Tongfang, CTI, Irdeto, etc, specially embedded DVB SUNNISKY CA1000 CA system
- Single CMOS chip NEC 61110 with 216MHz CPU Frequency
- Support OTA function (Optional)
- Fingerprint display support (Optional)
- Ultra low threshold full bank tuner (passive)
- RF loop in and out
- 1000 channels storage
- EPG (Electronic Program Guide) function (Optional)
- VBI Teletext function support (Optional)
- Subtitle function support (Optional)
- Closed Caption function support (Optional)
- Beautiful menu with 2D-figure speedup engine
- Multiple TV programs (Max. 16) switch display in one screen (Optional)
- Zoom to double display
- Three games to play (Optional)
- Signal strength and quality display
- The volume is adjustable, also setup independently and stored the values of every program volume
- Dolby AC3 decoding output (Optional)
- The second stereo radio available
- NIT table search function
- PAL/NTSC auto identification
- Support for English, Chinese, etc., multi-linguistic menu
- LED display and user friendly control
- Automatically restored after power failure
- Software upgrading via RS-232 port
- The E-MAIL receiving function (Optional, the CADTV hendend system had to support this function)

**Specification**

<b>CPU&amp; Memory</b>	
CPU	NEC 61110@CPU Frequency 216MHz
ROM	32MByte
FLASH	2/4/8MByte (Selectable)
EEPROM	64KByte
<b>Channel Decoding</b>	
Complies with	DVB-C&MPEG2

Demodulation	QAM 16/32/64/128/256
Symbol rate	3.6~6.952Msps
FEC	1/2, 2/3, 3/4, 5/6, 7/8; K=7
C/N (Carrier to Noise ratio)	<28dB@64QAM, 6.952Msps; <34dB@256QAM, 6.952Msps
<b>RF Input</b>	
Input frequency	47~862MHz
Input level	-15~+15dBmV
Input impedance	75Ω
Bandwidth	8MHz (6MHz or 7MHz Optional)
<b>AV Output</b>	
Video pre-emphasis	CCIR REC. 0405-1, 625 LINES
Video bandwidth	5.5MHz
Video output impedance	75Ω
Video output level	1Vp-p
Audio output frequency	20~20KHz
Audio output impedance	600Ω no balance
Audio output level	2Vp-p adjustable
<b>Video</b>	
Compression type	MPEG2 MP@ML
Video response	≤±0.5dB(<5MHz)
C/L Delay	≤30ns
Output system	NTSC / PAL
Video Resolution	720×576 (PAL) ; 720×480 (NTSC)
Aspect ratio	4:3 or16:9
Video output	CVBS*2, S-Video*1
<b>Audio</b>	
Audio decoding standard	MPEG 1/2 Layer 1&II
Audio response	±2dB (60~18KHz)
Total Harmonic Distortion (THD)	≤1%
Difference of Left & Right track Level	≤0.5dB (60~18KHz)
Crosstalk of Left & Right track	≤-60dB (20Hz~20KHz)
Audio S/N Ratio	≥70dB (20Hz~20KHz)
Audio output modes	Single/Stereo Channel, Dual Mono
Sampling rate	32, 44.1, 48KHz
RS-232	9 pin D-sub Type, Baud rate 9600~115200Kbps
<b>SPDIF (Optional)</b>	
S/P DIF digital audio output	Fiber-optic
<b>General</b>	
Power supply	AC 90V~250V, 50Hz±5%, 25W
Dimension	280mm*201mm*40mm
Weight	2.0Kg

Note: All specifications are subject to change without notice.

Payment term: 100% full irrevocable L/C at sight.

Lead time: 25days after receipt of deposit @ Q'ty more than 1K.



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