



HANDAN

SV-3400+CINX

DIGITAL SATELLITE RECEIVER WITH 1 COMMON INTERFACE & EMBEDDED CONAX

1. Tuner & Channel

Input connector	1 x F type with loop through
Output connector	1x F type 75 Ohm, IF signal out
Frequency range	950MHz to 2150MHz
Input impedance	75 Ohm
Signal level	-25 to -65dBm
LNB power & polarization	Vertical 13.5V \pm 1V Horizontal 18.5V \pm 1V
22kHz tone	Frequency 22kHz \pm 2kHz Amplitude 0.6Vp-p \pm 0.2Vp-p
Demodulation	QPSK
Input symbol rate	2 ~ 45Msps
FEC decoder	Convolutional code rate 1/2, 2/3, 3/4, 5/6 and 7/8 with constraint Length M=7

2. MPEG transport stream A/V decoding

Transport stream	MPEG-2 ISO/IEC 13818 Transport stream specification
Profile & level	MPEG-2 MP @ ML
Input T/S data rate	80Mbit/S max.
Aspect ratio	4:3(Center, Letter Box), 16:9
Video resolution	720 x 576 (PAL), 720 x 480 (NTSC)
Audio decoding	MPEG audio layer 1 & 2, musicam
Audio mode	Stereo, dual channel, joint stereo, mono
Sampling rate	32, 44.1 and 48kHz

3. Memory

Flash memory	2M bytes
Program DRAM	8M bytes
EEPROM	2K bytes

4. A/V & Data in/out

CVBS video out	RCA x 1
Analog audio out	RCA x 2 (L-CH x 1, R-CH x 1) SCART x 2 (TV, VCR)
Resolution	16bit DAC
Output Level	2Vrms Max
Volume & mute control	
Data interface	RS232C, BAUD Rate 9600 ~ 115200, 9Pin D-SUB

5. PCMCIA

Number of Slot	1
Type	I, II DVB Common Interface Standard

6. Conditional Access

Embedded CONAX	1 Smart Card Reader
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7. RF-Modulator

RF-connect	75Ohm, IEC169-2, male/female
Output frequency	54MHz to 68MHz 470MHz to 860MHz
Output channel(VHF)	CH 3 and CH 4
Output channel(UHF)	CH 21 ~ CH 69
TV standard	PAL B/G

8. Power Supply

Input voltage	AC 90-270V~, 50/60Hz
Type	SMPS
Power consumption	30W max. (Below 7W max. for stand-by mode)
Protection	Separate internal fuse and chassis grounding and the input shall have lighting or electric shock protection.

9. Physical Specifications

Size (W x H x D)	250mm x 40mm x 200mm
Weight	about 2.0 Kg

10. Environment

Operating temperature	+5°C ~ +50°C
Storage temperature	-40°C ~ +65°C