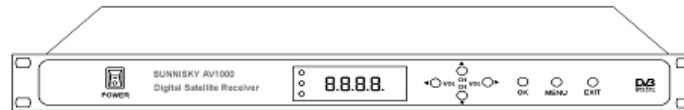


SUNNISKY AV1000 Digital Satellite FTA Receiver for CATV System

SUNNISKY AV1000 is one commercial-grade digital satellite FTA receiver with analogue Audio and Video signal (CVBS) output ports. It is 19" by 1U rack mountable with touch button on the front panel, so it is your best choice for your analogue CATV headend applications.



Feature

- Fully comply with DVB-S and MPEG-2 standards
- LED display, function touching button keys on front panel and user-friendly operation interface
- Auto network or transponder search function and code stream information update
- BISS decoding function (Optional)
- Store up to 2000 channels
- Two Video and Audio output ports
- Video PID and audio PID setup
- Last channel memory
- Support OSD TV / teletext VBI (DVB ETS 300 706) and caption function
- 256 color screen display, support English, and Chinese etc. language
- EPG function, support PIG (Picture in Graphics) display
- Automatic PAL to NTSC conversion and vice-versa
- Software upgrade via RS-232 interface (PC to Receiver or Receiver to Receiver)

Specification

Tuner	Input S/R	2.0~45 Mb/s
	Packet Length	204,188
	Demodulation Mode	QPSK
	FEC	1/2, 2/3, 3/4, 5/6, 7/8, with Constraint Length K=7
	LNB Power	13/18V (max 350mA)
Input	Input Freq.	950~2150MHz
	Input Level	-25~ -65dBm
	Input Impedance	75Ω, F-type
MPEG TS A/V Decoding	Decode Standard	MPEG-2 ISO / IEC 13818, MPEG-2 <u>MP@ML</u>
	Input Rate	Max. 60Mbit/s
	Aspect Ratio	4:3, 16:9
	Output Mode	NTSC & PAL
	Video Resolution	720x576 (PAL), 720x480 (NTSC)
	Decode Standard	MPEG-1 LAYER I, II, Musicam
	Audio Mode	Stereo Left and Right
CPU & Memory	CPU	SGS-Thomson STi5518
	SDRAM Memory	8Mbyte
	Flash Memory	1 or 2Mbyte
Video Output	Output Impedance	75Ω, RCA*2
	Output Level	1.0V±20mVp-p
	Freq. Feature	±0.5dB (4.8MHz)
	Differential Gain	≤5%
	Differential Phase	≤5°
	C/L Delay	≤30ns
Audio Output	Output Impedance	680Ω, RCA*2
	Output Level	±6dB

	Freq. Feature Audio S/N Ratio Difference of Left & Right Track Level	$\pm 0.5\text{dB}$ (20Hz~18Hz) $\geq 70\text{dB}$ $\leq 0.5\text{dB}$ (20Hz~18Hz)
Data Port	RS-232	9 pin D-sub Type, Baud rate 9600~115200Kbps
General	Operation Temperature Power Supply Dimensions Weight	5°C~40°C AC 90V~256V, 50Hz~60Hz, 25W 483mm×240mm×45mm 2.0Kg

Note: All specifications are subject to change without notice.



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