



STB-1000
DVB-C MPEG2
SD Receiver

ACI Communications, Inc. 

Overview

The STB-1000 is a cost-effective DVB cable receiver that helps cable operators bring MPEG2 Standard Definition-SDTV content viewing to subscribers. And together with a variety of features, enriches the viewer's digital home experience.

Feature

- Fully MPEG-2 digital and DVB-C compliant
- Support advertising via opening page, menu and programs
- Supported CAS including: Conax, Comvenient / Betacrypt, CTI & more
- Multi-language EPG, teletext and DVB subtitle support
- Fast teletext (OSD and VBI)
- Up to 5,000 channels TV and Radio programmable
- Four search modes: Manual/ NIT / All frequency / Advanced
- 8 favorite channel groups, 10 timer settings and parental lock function
- Variable Aspect Ratio (4:3,16:9) with Pan Vector and Letter Box
- True color On Screen Display with multi-languages support
- Embedded Electronic Games (optional)
- Software upgradeable by OTA or through RS232 port
- 18V/250mA DC output to down converter for MMDS system (optional)

Specifications

ACI Communications, Inc.		STB-1000 DVB-C MPEG2 SD Receiver	
PARAMETERS	CONDITIONS	SPECIFICATION	NOTES
Inputs and signal processing			
Front End	1 x Tuner	DVB-C ITU J.83 Annex A and B	
Input Frequency		50 ~ 858Mhz	
Input Level		32 ~ 105 dBuV	
Symbol Rate		0.45 ~ 7.0 Mb/s	
Input Impedance		75 Ω	
Input Connector		IEC F-type	
Channel Bandwidth		8 Mhz	
Digital Demodulator		16 / 32 / 64 / 128 / 256 QAM	
Video Decoding			
Standard		MPEG-2 MP@ML	
Aspect Ratio		4:3, 16:9, Pan & Scan, Letter Box, Combine Ignore	
Video Mode		PAL/ NTSC/ SECAM/ PAL-N/ PAL-M	
Audio Decoding			
Standard		MPEG Layer I & II	
Output mode		Stereo / Joint Stereo	
System Resources			
Main Processor		ST5105	
Main Processor Speed		200 MHz	
Flash Memory		2M or 4MByte	
SDRAM		16MByte	
Front Panel			
Smart Card		1 x Reader	
Display		1 x LED : 6 Front Panel Buttons	
Rear Panel			
A/V output	W-1000E	RCA, 2 SCART, S/PDIF (Coaxial and Optical), RF (optional)	
A/V output	W-1000A & B	RCA, S/PDIF (Coaxial and Optical), S-video, component (optional), RF (optional)	
RS232 port	For software upgrade	1 x input	

Specifications

ACI Communications, Inc.		STB-1000 DVB-C MPEG2 SD Receiver	
PARAMETERS	CONDITIONS	SPECIFICATION	NOTES
Physical Characteristics			
Power Voltage		AC90V-250V, 50/60 Hz	
Power Consumption	.Max.	10W	
Operating Temperature		0 ~ 45 °C	
Dimension	W x D x H	305 x 245 x 42 mm	
Net weight		1.3 kgs	
Shipping info	Sets/container	2700 / 20 5400 / 40	

ACI Communications, Inc. reserves the right to discontinue the manufacture or change the specifications without prior notice on any parts illustrated in the data sheet.

Address: 23307-66th Avenue South, Kent, WA-98032 USA

Phone: (253)854-9802 Fax: (253)813-1001

www.acicomms.com

Rev. A 08-11-09 **ACI Communications, Inc.**