STB-2000

Digital TV
Set Top Box (STB)
DVB-C / NVOD

VILINK Communications Inc.

STB Series

Overview

Vilink's STB-2000 is a state-of-the-art set top box that offers uni-direction de-scrambling and decoding of DVB-C digital programs, and supports data broadcasting and NVOD. This device is widely used in multiple cable digital video networks.

The STB-2000 is both reliable and stable. It is designed using proprietary reliabile technology and has been verified by large scale application in networks. Inside the STB-2000 is a powerful processor which allows for fast startup, fast channel searching and program changing, and fast in browsing data broadcasting.

Ease of use and maintenance are ciritical components of digital home products Vilink's STB-2000's user-friendly operational interface allows for customizable styles, easy browsing and changing of programs and an EPG digital program guide. The STB-2000 offers smooth online upgrading, service expansion and online maintenance. It has a built in software rollback feature and keeps an internal log. The STB also includes performance monitoring, logging, alarm and maintenance. With all of these capabilities, the STB-2000 can adapt to many networks.

The modular design of the STB-2000 allows to provide new services quickly and effectively. The STB has a highly scalable platform and a customizable interface style that allows for the ability for ad insertion.

Vilink's STB-2000 is built on open standards. It conforms to related national and international standards and protocols. The open interface protocols provides excellent interoperability. It supports CASs of various vendors, data broadcasting, NVOD and embedded browsers.

Features

- Reliable and Stable
- Fast Processing Speed
- Easy to Use
- Easy to Maintain
- Increased Flexibility for Service Expansion
- Built on Open Standards

Specifications

High Frequnecy Connector	Input Frequency Output Frequency Input Level Input Impedance	47 ~ 866 MHz 47 ~ 866 MHz 35 dBmV ~ 95dBmV 75 ohm
Channel Decoding	Conformed Standard Demodulation Mode Symbol Rate	DVB-C EN300 529 16/32/64/128/256 QAM 0.87 ~ 6.952 Mbaurd max
Video Decoding	Conformed Standard Video Standard Maximum Resolution Aspect Ratio	ISO/IEC 13818-2 MP@ML PAL, NTSC 720 x 480 (NTSC) 720 x 576 (PAL) 4:3, 16:9
Audio Decoding	Conformed Standard Audio Mode Sampling Rate Audio Compression	ISO/IEC 13818-1 Mono/Dual Stereo 32/44.1/48 KHz MPEG audio layer I, MPEG Audio layer II
IC Card Editor	Conformed Standard	ISO 7816

Front Panel	LCD Display Buttons Intelligent Card Slot Infrared Remote	Channel and Status Up, down, left, right, Menu, OK 1 38 KHz
Backplane	RF Input RF Loop through Output RCA Output Y/C Output RS232 Serial Port	F-female connector IEC169-2 male connector 3 RCA (2 audio and 1 video) S-Video terminal DB-9 female, 115200 bps
Remote Control	Type Battery	IR (carrier freq: 38 KHz) 2 x 1.5V AA
Other	Voltage Power Supply Freq Operating Temp Operating Humidity Dimensions Power Weight	85 ~ 265 VAC 50/60 Hz 0 ~ 45C 10% ~ 90% 346 mm x 268mm x 57.5 mm <15W 2 kg

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