

## STB Series

### Overview

Vilink's STB-3100 is a state-of-the-art interactive set top box that offers descrambling and decoding of digital programs as well as interactive services with its built-in IP interface. The IP interface allows for webpage browsing, VOD and VoIP. The STB-3100 is ideal for a complete digital home information platform.

The STB-3100 is both reliable and stable. It is designed using proprietary reliable technology and has been verified by large scale applications in networks. Inside the STB-3100 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 critical components of digital home products. Vilink's STB-3100s user-friendly operational interface allows for customizable styles, easy browsing and changing of programs and an EPG digital program guide. The STB-3100 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-3100 can adapt to many networks.

The modular design of the STB-3100 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-3100 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
- Broadband Connectivity
- Webpage Browsing
- VoIP

### Specifications

High Frequency 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 Mbaud 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 Ethernet Interface USB Interface	F-female connector IEC169-2 male connector 3 RCA (2 audio and 1 video) S-Video terminal DB-9 female, 115200 bps 10/100Base-T, 1 x RJ-45 USB 1.1
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