



## DTVS-1B

- New improved hardware
- Picture enhancements
- Energy efficient

### Digital Satellite TV Receiver

Freeview Certified

#### KEY FEATURES

1. MPEG-1/2 & DVB-S Compliant
2. MHEG5 & MHEG5 EPG support
3. Free to Air
4. Easy-To-Use Graphical user interface
5. Freeview 8 day EPG
6. Automatically updates new channels
7. Automatically detects and updates software via satellite
8. Allows access to multiple satellites
9. Blind scan

#### SPECIFICATIONS

1. In/Out: LNB in/out, YCbCr+Audio R/L, CVBS, Audio L/R, SPDIF, RS232
2. Frequency band: VHF 950MHz to 2150MHz
3. Standard Definition display format (576i)
4. Full 8 day Freeview EPG
5. 16:9/4:3 display aspect ratio with Pan & Scan, Letterbox
6. 4 x 7 segment front LED display, real time clock display
7. Subtitles & Parent lock
8. Multi language OSD and Tiresias font support
9. Last channel memory, Favorite channel programs
10. Software upgrade via RS232 and OTA
11. Front 3 navigation keys: Channel up/dpwn, Power (standby)
12. Tuner loop through via LNB out
13. LNB current: maximum of 500 mA with overload protection
14. LNB polarisation: vertical: +13V, horizontal: +18V

# DTVS-1B :: Digital Satellite Receiver

## TUNER & CHANNEL

RF Input Range	950MHz~2150MHz
Dynamic Range	-65dBm ~ -25dBm
Input Connector	"F-type, connector, female"
Input Impedance	75 ohm
Dmodulation	QPSK
Symbol rate	2~45 Mbaud
FEC Modes Rate	"1/2, 2/3, 3/4, 5/6, 7/8"

## RF-MODULATOR

PLL Type	CH21~69 for the Demodulation
TV Standard	PAL BG/I/DK selectable
RF Connector	"75 ohms, 169-1 Male/Female"
Frequency Range	"UHF, 470~860MHz"

## PHYSICAL SPECIFICATION

Size (W x H x D)	250mm x 38mm x 175mm
Net Weight	0.96 kg
Operation Temperature	0°C~ 50°C
Storage Temperature	-20°C~ 60°C

## SYSTEM RESOURCES

Main Processor	STi5119
Flash Memory	2M Byte
SDRAM	16M Byte

## POWER SUPPLY

Input Voltage	"AC 170 to 240V, 50/60 Hz"
Power consumption	"Max 30W, standby mode <6W"

## MPEG TS A/V DECODING

Transport Stream	MPEG-2 ISO/IEC 13818-1
Profile Level	MPEG-2 MP@ML
Input Rate	Max. 81 Mbit/s
Aspect Ratio	"4:3, 16:9, letter box"
Video Resolution	720 x 576 (PAL) / 720 x 480 (NTSC)
Audio Decoding	MPEG/Musicam Layer 1 & 2
Audio Mode	Mono/Left/Right/Stereo

## A/V & DATA INPUT/OUTPUT

Video	"YCbCr, CVBS"
Audio	RF modulator (connect to TV) R/L + R/L SPDIF
RS232	"Transfer rate 115Kpbs, 9pin D-sub type"

## SOFTWARE

MHEG-5 Interactive Middleware
Automatic LNB detect
Dynamic channel update
Freeview NZ channel numbering
Automatic detect and software upgrade via satellite (OTA)

## WARRANTY

12 Months

