

# TT-budget® S-1401



## Low cost PCI satellite receiver

### Technical Specification DVB-S PCI card for PC



based on TT-budget® family

## BASICS

- Free-TV satellite receiver
- PCI interface for use with Personal Computer
- Video and Audio decoding via software decoder (MPEG-2)
- Installation Plug and Play
- Features reception and presentation of DVB® data services (high-speed multicast and internet access)
- Fully compliant to: DVB-S standard EN 300 421
- MPEG2 Transport Stream support: ISO/IEC 13818-1
- DVB-Video/-Audio support: ISO/IEC 13818-2,-3
- DVB-Data support: EN 301 192

## GENERAL DATA

- Cabinet (WxHxD, cm) approx. 140 x 65 x 18 [mm]

## INPUT / OUTPUT SPECIFICATION

- Antenna input: IEC female (F-type)

## RF SPECIFICATION

- Frequency range: 950-2150 MHz
- QPSK demodulation according to EN 300 421
- RF input level: -65 up to -25 dBm (IEC F-type female)
- Input connector: IEC60169-2 female
- SCPC/MCPC support 2 Msymbols/s to 45 Msymbols/s
- QPSK with supported rates 1/2, 2/3, 3/4, 5/6, 6/7, 7/8
- outer Reed-Solomon decoding according to EN 300 421
- Up to 60 Mbps channel bit rate

## LNB CONTROL

- Band selection: 22 KHz
- Polarity selection: 14/18 V
- Tone burst mode
- DiSEqC 1.0, 1.2\*  
SCR CENELEC (EN50494)\*
- LNB current support maximal 400 mA

\* if supported by software.

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## VIDEO DECODER (SOFTWARE)

- MPEG profiles : MPEG-2 Video
- Picture Formats : Auto WSS 4:3, 16:9, 2.21:1 (Pal only)

## AUDIO DECODER (SOFTWARE)

- Profiles : MPEG 2 layer I & II

## TT-Viewer SOFTWARE

- Recording and Play back of TV/Radio programs
- Teletext decoding
- Time shift support
- BDA driver (BroadcastDriverArchitecture) supports many 3rd party applications
- Timer
- Favourite mode
- EPG (SI based)
- Short EPG (now/next)
- languages : D, GB,F, I, P, FI
- Automatic/manual channel search

## Driver

- API : For third-party software developers an open API (application programming interface) is available
- BDA-Driver

## MINIMUM SYSTEM REQUIREMENTS

- Windows XP, Windows Vista, Windows 7, 32- and 64-bit
- CPU: at least 800 MHz\*
- 512MB RAM or WIN minimum requirements
- Hard disk with at least 256MB free storage space
- Graphics card with at least 32 MByte memory and DirectX 9 support or higher
- Sound card with DirectX support
- PCI slot (PCI 2.2 compatible)
- CD ROM drive
- Digital satellite dish

\* Windows Vista and Windows 7 needs higher performance

## ACCESSORIES

- Quick-Start Guide
- CD-Rom inclusive driver and application software

## STANDARDS AND REGULATIONS

- DVB-S standard EN 300 421
- MPEG2 Transport Stream support to ISO/IEC 13818-1
- DVB-Video/-Audio support to ISO/IEC 13818-2,-3
- Safety and EMC regulations: EN 60950, EN 55022 and EN 55024