



**TechnoTrend**  
*Performance on your side.*

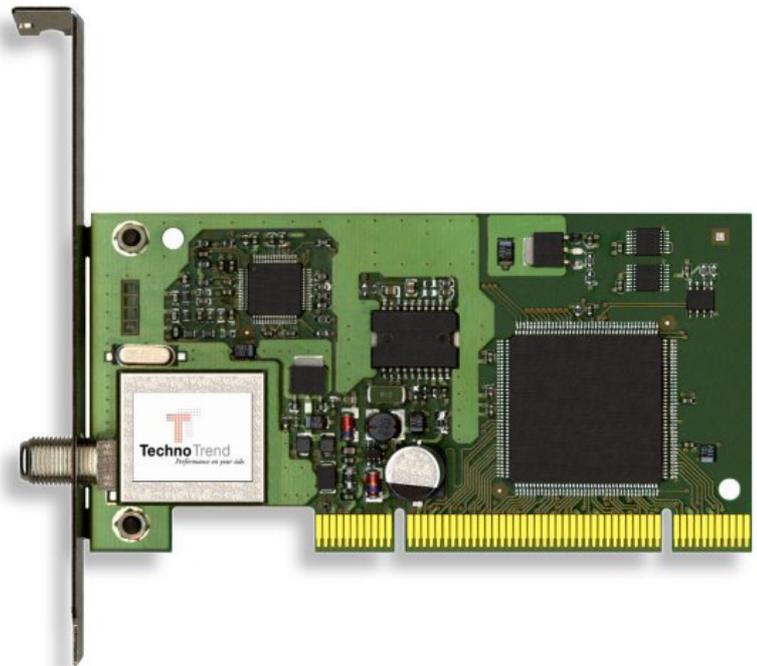
## ***model TT-budget S-1401***

### **TT-PCline DVB family**

#### **The best value, the right features all in a PCI card**

The model TT-budget S-1401 represents a low-cost reception device for basic applications. It features a complete DVB® satellite receiver to receive data broadcasts, digital TV as well as radio programs and provides high-speed internet access. The TT-budget S-1401, was especially designed to meet the demands of the mass market end consumer for easy of operation and plug & play installation and is a way to access the internet at DVB®-compliant high-speed at the best value available.

The incoming DVB® transport stream is delivered to the PCI bus at a speed of up to 52 Mbps. An optimised software filter driver manages data processing downstream by filtering up to 255 PIDs concurrently. A MPEG-2 software decoder and TV/Radio application are included for reception of digital TV and radio broadcasts. More than one budget card can be installed in one PC to receive various channels simultaneously. An easy-to-use multilingual data management utility is provided to adjust channel and filter settings and to monitor incoming data. For third-party software developers an open API (application programming interface) is available.



### **Technical Specifications**

#### ***Functionality***

- QPSK DVB satellite receiver accordingly to ETS 300 421
- Low-cost PCI card for digital TV and data application
- Plug & play installation
- Video/Audio decoding by software (application)
- Recording and play back of TV/Radio services
- Multi language support
- Time shift support
- Teletext decoding by software
- Multicast Management support by NDIS driver



## **Basic Specification**

- Symbol rate: 1... 45 Msymbols/s (SCPC & MCPC)
- Automatic FEC selection (1/2, 2/3, 3/4, 5/6, 7/8)
- Automatic LNB voltage selection
- MPEG2 Transport Stream support: ISO/IEC 13818-1
- DVB-Video/-Audio support: ISO/IEC 13818-2, -3
- DVB-Data: ETSI EN 301 192
  - MPE
  - Data Piping
  - Data Streaming
  - Data Carousels optional
  - Object Carousels optional

## **RF Input/Output**

- Frequency range 950...2150 MHz (L-Band)
- Input connector: IEC F-type female
- Input Impedance 75  $\Omega$
- LNB control:
  - Band selection: 22KHz,
  - Polarity: 14/18V,
  - Tone burst mode,
  - DiSEqC 1.1
  - max. current 400mA

## **Performance**

- Raw data transfer: PCI Busmaster DMA
- Max. unfiltered data stream: 90 Mbit/s
- Max. download MPEG-2 PES speed: 72 Mbit/s
- Max. download speed for Unicast (TCP/IP): 72 Mbit/s
- Max. download speed for Multicast (IP): 72 Mbit/s
- Maximum 255 PID filters

## **Minimum PC requirements**

- Pentium III 733 MHz
- 256 Mbytes RAM
- DirectX 8 or higher
- Graphic card with 800 x 600 x 16 bpp or better
- Sound card
- CD-Rom (Driver and Software installation)
- PCI port (PCI 2.2 compatible)
- Supported Operating System: Windows 98SE, ME, 2000, XP™

## **Accessories**

- Receiver board ca. 140 x 65 x 18 [mm]
- Master CD-Rom incl. TV and data application
- Delivery in bulk