TechnoTrend

Performance on your side.

model TT-connect® S-2400

TT-PCline DVB family

High bandwidth DVB® services for notebooks

The TT-connect® S-2400 is an external, low-cost and high performance DVB® receiver that allows for connection to a notebook or personal computer via USB version 2.0. It was specifically designed to meet the consumer's needs as well as the needs of professional customers for easy to use and cost effective installation (plug & play) as well as mobility. The TT-connect® S-2400 features a complete DVB® receiver for reception of data broadcasts such as digital TV or radio programs and provides high-speed access to internet technology based services. An optimised software filter driver manages data processing downstream by filtering. An MPEG-2 software decoder for TV and radio applications is included for reception of digital TV and radio broadcasts. The TV and radio applications include features such as automatic channel parsing and record/playback capabilities.

The TT-connect® S-2400 can also be used for extended functionality, such as using a notebook for digital content recording, and for time shift features. In addition, the small and light weight design combined with a 12V power supply makes the device perfect for professional or personal travel needs. 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.
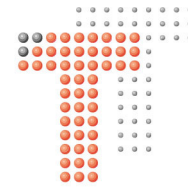
Basics

- DVB® satellite receiver accordingly to EN 300 421
- USB 2.0 interface for use with Personal Computer or notebooks
- Digital PC receiver for high-performance digital broadband reception
- Video/Audio presentation via MPEG software decoder incl. HDTV support
- Features reception and presentation of DVB® data services (high-speed multicast and internet access)
- Reed-Solomon decoding support (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

RF specification

- Frequency range: 950 - 2150 MHz
- QPSK demodulation accordingly to EN 300 421
- RF input level: -65 up to –25 dBm
- SCPC/MCPC support (1 – 45 Msymbols/s)
- Reed-Solomon decoding accordingly to EN 300 421

- Automatic FEC selection: 1/2, 2/3, 3/4, 5/6, 7/8
- Input connector: IEC F-type female
- Input termination: 75 Ω
- LNB control: 14/18V, 22kHz, Tone Burst, DiSEqC 1.0, max. 400 mA

Functionality

- HDTV support
- TV, Radio and data services on notebooks or PC via USB 2.0 interface
- Representation, Record (incl. Timer) and Playback of TV and Radio services
- Operation System support: Windows XP™
- Plug & Play installation
- Time shift features and record timer
- Extended EPG functionality
- Teletext support
- Automatic Channel Setup using IP multicast group address
- IP-Unicast Transport using dynamic IP address to MAC address mapping
- Support MAC Address Filtering
- Use of up to 255 PID filters
- Unfiltered data stream up to 90 Mbit/s
- Download MPEG-2 PES speed up to 60 Mbit/s
- Download speed for Unicast/Multicast traffic (TCP/IP) up to 60 Mbit/s

Minimum PC requirements

- DirectX 8 or higher
- Supported Operating System: Windows XP
- Pentium III 733 MHz (for HDTV 2.6GHz PIV)
- Graphic card with 800 x 600 x 16 bpp or better (for HDTV Grafic card with WMA-Support)
- Sound card; CD-Rom (Driver and Software installation); 128 Mbytes RAM; USB 2.0 port

Accessories

- Receiver (ca. 75 x 100 x 35 [mm])
- Power Supply 230VAC/50Hz to 12VDC/0.8A
- USB 2.0 cable
- Licence for MPEG2- Softwaredecoder
- Master CD-Rom inclusive driver and application software

Standard and Regulation Compliance

- DVB® satellite 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