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# model TT-connect® S2-3600

## *TT-PCline DVB family*

### High bandwidth DVB-S2 services for notebooks and PCs

The TT-connect® S2-3600 is an external, high performance and cost effective DVB-S 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 installation (plug & play) and to use as well as mobility. The TT-connect® S2-3600 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 optimized software filter driver manages data processing downstream by filtering. An MPEG2 / MPEG4 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® S2-3600 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.

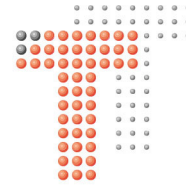


#### **Basics**

- DVB® satellite receiver accordingly to EN 302 307
- 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)
- MPEG2 Transport Stream support: ISO/IEC 13818-1
- DVB-Video-/Audio support: ISO/IEC 13818-2,-3
- DVB-Data support: EN 301 192

#### **Accessories**

- Receiver (ca. 75 x 100 (115 incl. antenna connector) x 30 [mm])
- Power Supply 230VAC/50Hz to 12VDC/1.6A / USB 2.0 cable
- License for MPEG2 and MPEG4 (AVC/H.264) - Software decoder
- CD-Rom inclusive driver and application software



## **Standard and Regulation Compliance**

- DVB® satellite standard EN 302 307
- 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

## **Minimum PC requirements**

- DirectX 9.0 or higher
- Supported Operating System: Windows XP SP2
- Pentium III 1GHz
- Sound card; CD-Rom (Driver and Software installation); 128 Mbytes RAM; USB 2.0 port

### For HDTV (1080i / MPEG4 (AVC/H.264))

3.4 GHz P4 (Single Core with Hyperthreading) or  
2.2 GHz AMD 3500+ or  
Dual Core P4 D820 / D830 or  
Dual Core AMD X2 3800+  
with graphics card: ATI X1600/X1800 or NVidia 6600GT/7600GT

## **RF specification**

- Frequency range: 950-2150 MHz
- QPSK demodulation accordingly to EN 302 307
- RF input level: -65 up to -25 dBm (IEC F-type female)
- LNB control: 14/18V, 22 kHz, Tone Burst, DiSEqC 1.0, max. 300 mA

### For DVB-S

- SCPC/MCPC support up to 45 Msymbols/s
- QPSK with supported rates 1/2, 2/3, 3/4, 5/6, 6/7, 7/8
- Viterbi soft decoder rate 1/2
- outer Reed-Solomon decoder as per DVB-S system
- Up to 60 Mbps channel bit rate

### For DVB-S2

- SCPC/MCPC support up to 30 Msymbols/s
- QPSK and 8PSK with supported rates
- 1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9
- LDPC and BCH decoder as per DVB-S2 requirements
- Digital Nyquist root filter with 0.20, 0.25, 0.35 roll-off factors
- Up to 90 Mbps channel bit rate

## **Functionality**

- HDTV support; AC3 5.1 Software decoder
- 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™ (SP2)
- 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
- Download MPEG-2 PES speed up to 90 Mbit/s
- Download speed for Unicast/Multicast traffic (TCP/IP) up to 90 Mbit/s