TT-connect® S2-3650 CI

DVB-S/DVB-S2 Receiver and Common Interface combined in one device

Technical Specification
DVB-S and DVB-S2 USB receiver for PC and notebook

based on TT-connect ® family

BASICS

- Pay- and Free-TV satellite receiver
- USB 2.0 interface for use with Personal Computer or notebooks
- Integrated Common Interface to insert various Conditional Access Modules for decrypting Pay-TV
- Video and Audio decoding via software decoder (MPEG-2 and MPEG-4 AVC/H.264)
- 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 302 307
- 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) / Weight : approx. 100,5 x 30,0 x 155,5 approx. 0,3 kg

INPUT / OUTPUT SPECIFICATION

- Antenna input: IEC female
- USB 2.0 connector
- PSU connector

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)

For DVB-S
- 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
- Viterbi soft decoder rate ½
- outer Reed-Solomon decoder as per DVB-S system
- Up to 60 Mbps channel bit rate

For DVB-S2
- SCPC/MCPC support 10 Msymbols/s to 30 Msymbols/s
- QPSK and 8PSK with supported rates 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
- 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

LNB CONTROL

- Band selection: 22 KHz
- Polarity selection: 14/18 V
- Tone burst mode
- DiSEqC 1.0
- LNB current support maximal 350 mA

SOFTWARE VIDEO DECODER

- MPEG profiles : MPEG-2 Video, MPEG-4 AVC/H.264
- High Definition and Standard Definition: 1080i50, 720p50, 576i25
- Picture Formats : Auto WSS 4:3, 16:9, 2.21:1 (Pal only)

SOFTWARE AUDIO DECODER

- Profiles : MPEG 2 layer I & II
- AC 3 Decoding : yes

TT-MEDIA CENTER SOFTWARE

- Recording and Play back of TV/Radio programs
- Teletext decoding
- Time shift support
- BDA driver (BroadcastDriverArchitecture) supports many 3rd party applications
- Timer / sleep timer
- Favourite mode
- EPG (SI based)
- Short EPG (now/next)
- languages : D, GB
- Automatic/manual channel search
- API : For third-party software developers an open API (application programming interface) is available

MINIMUM SYSTEM REQUIREMENTS*

- Windows XP 32- and 64bit, Windows Vista 32- and 64bit
- CPU for SDTV: at least 800 MHz
- CPU for HDTV: at least P4 3,4 GHz or a comparable AMD Athlon (Dual Core recommended)
- 512MB RAM (1024MB recommended)
- Hard disk with at least 1GB free storage space
- Graphics card with at least 64 MByte memory and DirectX 9 support or higher
- Sound card with DirectX 9 support or higher
- Free USB 2.0 port
- CD ROM drive
- Digital satellite dish

* for Windows XP; for Windows Vista greater PC performance is recommended

ACCESSORIES

- Power Supply 230VAC/50Hz to 12VDC/1.5A
- USB 2.0 cable
- Quick-Start Guide
- Remote Control inclusive Batteries
- CD-Rom inclusive driver and application software

STANDARDS AND REGULATIONS

- DVB-S 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 60065, EN 55013 and EN 55020, EN 55022 and EN 55024