

TT-connect® CT-3650 CI



DVB-C/DVB-T Receiver and Common Interface combined in one device

Technical Specification
DVB cable and terrestrial
USB-Box for PC and
Notebook



based on TT-connect® family

BASICS

- Pay- and Free-TV cable and terrestrial 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-C standard EN 300 429, DVB-T standard EN 300 744
- 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
- Operational temperature : t.b.d
- Storage temperature : t.b.d

RF SPECIFICATION (terrestrial)

- Input frequency (MHz) : 47 - 862 VHF & UHF
- Input connector: IEC60169-2 female
- Input termination: 75 Ω
- Demodulation: QPSK and 16/64 QAM demodulation support (EN 300 744)
- Channel bandwidth : 7/8 MHz
- 2K mode and 8K mode COFDM demodulator
- Guard Interval Modes: 1/32, 1/16, 1/8, 1/4 active symbol duration
- Automatic FEC selection (1/2, 2/3, 3/4, 5/6, 7/8)

RF SPECIFICATION (cable)

- Input frequency (MHz) : 47 - 862 VHF & UHF
- Input connector: IEC60169-2 female
- Demodulation: 16/32/64/128/256 QAM demodulation support (EN 300 429)
- Symbol rate Ms/s : 1,7 ... 7 Msymbols/s
- Input termination: 75 Ω
- Bandwidth: 7/8 MHz
- Input return loss: min. 6 dB (75 Ω)

INPUT / OUTPUT SPECIFICATION

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

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VIDEO DECODER (SOFTWARE)

- 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)

AUDIO DECODER (SOFTWARE)

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

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 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) or WIN minimum requirements
- 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
- DVB-T Antenna or cable for reception of DVB-C or DVB-T

* Windows Vista and Windows 7 needs higher performance

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-C standard EN 300 429
- DVB-T standard EN 300 744
- 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

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