



Single Chip USB DVB-T Receiver

UDTM-650

Product Description

UDTM650 USB DVB-T Digital TV Receiver is the mini-size USB device to receive DVB-T digital TV programmings on notebook and desktop computers. Extremely compact and light-weight like a Mini, UDTM650 offers crystal-clear digital TV viewing on Windows™ thanks to its ultra sensitive tuner that provides exceptional reception capability.

Furthermore, UDTM650 is fully compliant to the ITU DVB and Nordig Unified 1.0.1 standards for digital terrestrial TV, and plugs directly into a standard USB 1.1/2.0 port without even the need for external power supply. And the software is easy to install, runs smoothly on Windows™, and has rich features including, but not limited to, view, record and playback, etc. with a very friendly graphical navigation interface.

Mini-sized compatible USB 1.1/2.0 connection, adapter-free, antenna-free and excellent reception, combined with user-friendly feature-rich software UDTM650 surely is the best digital TV companion for notebook and desktop computers that fit into your pocket.

Features

1. USB 1.1/2.0 Compatible DVB-T Receiver
2. Mini-Size Slim and Light
3. No need extra power supply
4. DVR, Scheduling and Time-Shift
5. ETS 300 744 and Nordig Unified 1.0.1
6. Full 47~860 MHz VHF/UHF Range
7. Auto 6/7/8 MHz Bandwidth Switch
8. Robust Doppler immunity in Mobile /Portable
9. EPG(Electronic Program Guide)

APPLICATIONS

- DVB-T Digital Terrestrial TV for Desktop and NB
- High-Speed DVB-T Modem (Optional w/I Data Broadcasting S/W)
- IP-Over-DVB-T Data Transmission (Optional w/I Data Broadcasting S/W)
- Support teletext

Product Specifications

Key Specifications

- Compact Mini-Size USB DVB-T DTV Receiver
- Complete COFDM DVB-T demodulator single chip IC
- Excellent DTV Viewing on Windows™
- Direct USB Plug-In to Notebook or Desktop Computers
- Powered by USB — Adapter Free
- Full DVB-T and Nordig 1.0.1 Standards Compliant
- Auto-Select 6, 7 and 8MHz Channel Bandwidth
- Easy Software Installation and Friendly Navigation
- Real Time and Scheduling DTV Program Recording
- Time-Shift Functionality
- Still Frame Capture
- Channels Auto Scan 6/7/8 MHz
- Favorite List

System Requirement

- PC™ or compatible w/ P-III 1.0GMHz or above
- 256 MB RAM or above
- MS Windows™ XP / 2000 SP4
- MS DirectX 9.0a or above
- VGA card with 8MB memory at least
- Audio Device
- USB 1.0/2.0 Port

Navigation and Driver Software

- MS Windows™ Hardware Control Driver Software
- MS DirectX Control Driver Software
- MPEG-2 Audio/Video Decode Control Driver Software
- MS Windows™ Graphical User Interface
- OS: MS Windows™ 2000/XP

Hardware Specifications

- Tuner: Microtune Tuner
- USB IC: Afa
- Demodulator: Afa COFDM

Measurement

- Dimensions (WxDxH): 91.3 x 26.5 x 13 mm

MPEG-2 Video and Audio Decoding

- MS DirectShow™ MPEG-2 Video and Audio Decoding
- 32 User Programmable PIDs
- ISO/IEC 13818-2 MPEG-2 Video MP@ML Compliance
- ISO/IEC 11172-2 MPEG-1 Video Compliance
- Resolution: 720x480 for NTSC and 720x576 for PAL
- ISO/IEC 13818-3 MPEG-2 Audio Compliance
- ISO/IEC 11172-3 MPEG-1 Audio Compliance

Network Interface – DVB-T COFDM

- ETS 300 744 DVB-T & Nordig II Compliance
- Full 47~860 MHz Frequency Range for VHF and UHF
- Auto-Select 6, 7 and 8MHz Channel Bandwidth
- Automatic 2K / 8K mode and guard interval detection
- Supports QPSK, 16 and 64 QAM Constellations
- Supports 1/4, 1/8, 1/16, 1/32 Guard Interval
- Supports FEC Decoding : 1/2, 2/3, 3/4, 5/6 and 7/8
- Supports Reed-Solomon (204,188)
- Symbol Rates : Up to 34 MS/s
- Automatic Adjacent-Channel Interference Cancellation