



Data Sheet | TDC780X Tahoe

Analog/Digital, Dual Tuner, High Definition DVR Set-Top Box with CableCARD™ Conditional Access Interface



The TDC780X Tahoe dual tuner set-top box brings a new competitive HD DVR choice to cable operators in the North American cable industry.

The TDC780X combines innovative consumer electronics styling, powerful processing and new technology to deliver high level performance.

With dual tuners, users can watch one channel while recording another, or record two channels while watching stored content.

The advanced filtering technology maximizes picture quality from analog signals. External hard drive expansion is also available through Serial ATA drive connectivity.

Multiple CAs are supported including CableCARD. Supports multiple VOD systems / vendors and fully compatible with NAS, NAS-RAC and DAC.

Summary

- Dual High Definition decode
- Dual Video Tuners allowing two channels to be watched and recorded
- 160GB internal hard drive
- Multistream CableCARD (M-Card) support
- Advanced filtering technology for optimum analog channel picture quality
- Fully comprehensive and advanced connectivity including HDMI
- External Serial ATA drive support
- USB 2.0 port
- LED Display for channel number and clock display

TDC780X Tahoe

Technical Specifications



RF Interfaces

- 2 x MPEG In-band, 54-864MHz Tuner (with QAM 64/256 decoding)
- 1 x OOB, 70-130MHz Agile Tuner with QPSK decoding
- 1 x RF Return, 5-42MHz, QAM,QPSK Modulator
- RF Bypass (Internal)

Analog AV

- 2 x Video Demodulation and digitisation with VBI and VITS support
- 2 x Audio Demodulation and digitisation with BTSC and SAP support

Audio/Video Output

- Composite Video
- VHF Output on CH3 or CH4
- Dual AC3 Matrix surround down mix to Stereo
- 16/32 Bit per Pixel, 960x540 and 854x480 resolution, Graphics Support

Front Panel

- 12 Buttons (Navigation, Select, Power, Guide, Bypass, Menu, Info, Ch +, Ch -)
- LED clock/channel display
- Additional indicators for Message, Bypass, HDTV, Power, IR, Record, Play

System Processor/Memory

- Minimum 420 Dhrystone MIPS processor
- 160GB internal hard drive standard
- 32MB FLASH as standard, 64MB FLASH available
- 256MB DDR SDRAM standard

Conditional Access

- Multistream CableCARD™ (M-Card)

Pace Software

- Pace EngineWare™ software v1.0 and STT driver code

Set-Up and Diagnostics

- Diagnostic screens for on-site installation and debug

Software Update Mechanism

- OOB Software Download Mechanism

Accessories

- Consumer User Manual and safety information sheet
- Power Lead (2m Polarised 2 Pin IEC)

For more information on the TDC780X Tahoe or any other Pace product please visit our website www.pace.com/americas