



PACE RNG150N

ALL DIGITAL MPEG-2/4, HD DVR SET-TOP

FEATURES

- CableCARD™ and Embedded Conditional Access versions available
- 500 GB Hard Drive as standard on all Dallas models
- HOD upgrade option on Denali models
- Support for External HOD via eSATA as standard
- 64MB FLASH memory
- 512MB SDRAM
- In-band and out of band (008) tuners with RF return
- Comprehensive and advanced device connectivity including HDMI™
- LED clock/channel display
- 10 LED indicators: Power, IR Receive, HD, Data, Record, 480i, 480p, 720p, 1080i and 1080p
- Enhanced on-screen diagnostics including Pace Diagnostic Dashboard
- AC-3 Matrix surround down mix to Stereo UR RCA outputs
- 1500 Dhrystone MIPS Processor
- 5.1 Dolby Digital and Dolby Digital Plus
- Ethernet port
- SNMP support for remote diagnostics



PRODUCT SPECIFICATIONS

TECHNICAL INTERFACES

RF Interfaces

2 x In-band, 54MHz-1 GHz Video Tuner (with QAM 64/256 decoding)

1 x In-band, 54MHz-1GHz DOCSIS Tuner

1 x OOB, 70-130MHz Agile Tuner wrth QPSK decoding Including support for 104.2MHz)

1 x RF Return, 5-42MHz,QAM,OPSK Modulator (compliant with Starvue II/DVS178/SCTE 55-1)

DOCSIS 2.0 Cable Modem

Advanced DSG Support

DOCSIS Cable Modem



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PRODUCT SPECIFICATIONS

TECHNICAL INTERFACES CONT.

Audio/Video Output

MPEG-2 MP@ML and MP@HL ATSC A/54 decode up to 1080p30

MPEG-4 MP@ML and MP@HL ATSC A/54 decode up to 1080p30

HDMI 1.3a Audio/Video Out with HDCP copy protection

Component (YPbPr), Composite Video RCA outputs
Native 480i, 480p, 720p, 1080i and 1080p30 scaling modes

Simultaneous HD output via HDMI and YPbPr outputs with HD video downscaled to SD on CVBS output

Independent scaling of video/graphics on HD and SD outputs

Support for Zoom, Stretch and Crop

Constrained image support if CCI ftag set on Component video outputs and HDMI if HDCP not in effect

Macrovision copy protection capability v7.1 inc. support for Component video output

5.1 Dolby Digital optical and coaxial output

AC-3 Matrix surround down mix to Stereo UR
RCA outputs

Ch 3/4 modulated RF output

LED clock/channel display

LED indicators for Message, Bypass, HDTV, Power, IR, Record, Play

Front Panel

Pace Software

Pace EngineWare™ software v3.0 and STT driver code



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PRODUCT SPECIFICATIONS

TECHNICAL INTERFACES CONT.

System Processor/Memory

1500 Dhrystone MIPS processor for system and application use

64MB FLASH memory

512MB SDRAM (Unified MPEG Decode/Graphics system run from RAM) as standard

512KB Non-volatile managed storage area within Flash with random bit wise access

500GB Hard Drive as standard on Dallas models, upgrade option on Denali models

Support for external HOD Via eSATA as standard

Multistream CableCARD™ (M-Card) and Embedded MediaCipher™ security versions on Dallas and Denali models available

Conditional Access

CableCARD located behind flush mount cover

Set-Up and Diagnostics

Diagnostic screens and Dashboard for on-site installation and debug

SNMP support for remote diagnostics

Display configuration menu

Software Update Mechanism

OOB Software Download Mechanism

Accessories

Consumer Quick Start Guide

External Power Supply