

FEATURES

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➤ Standard Features

- MPEG-2 main level profile video processor
- ATSC standard Dolby Digital® (AC-3) audio processor
- ITU standard 64/256 QAM/FEC/enhanced adaptive equalizer
- On-board real-time RF return (256Kbps)
- High-resolution, bitmapped graphics display (2-/4-/8-bit)
- Clear analog channel processing
- 54-860MHz tuner
- DES-based encryption/DCII access control
- Digital diagnostics
- 2.048Mbps out-of-band data receiver
- Macrovision copy protection
- Wide screen (16 x 9) video support
- 4-line vertical blanking interval pass-through capability (closed caption)
- BTSC stereo decoder
- Full feature access from front panel
- Messaging capabilities

➤ Optional Features

- Motorola and compatible analog descrambling
- RF 1
- IR blaster tether
- RF bypass switch or A/B switch
- Telephone modem (14.4bps)
- S-Video output
- S/PDIF-Dolby AC-3 output
- Optical AC-3 output

INTERFACES

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➤ Standard Interfaces

- RF, baseband (video, L/R audio) ports
- Audio loop through connectors
- IR blaster port
- Switched accessory outlet
- RS 232 Serial Port

MOTOROLA

Motorola DCT2000

Motorola's most popular interactive digital set-top terminal boasts a wide array of capabilities, ease of use and affordability.

State-of-the-art digital compression technology makes it possible for the Motorola DCT2000 to provide a wealth of new revenue-generating services. Platform versatility allows the Motorola DCT2000 to grow as your home broadband access needs grow. Its 64 and 256 QAM digital processing technology significantly boosts channel capacity while delivering stunningly vivid video and audio.

The Motorola DCT2000 can be configured to support real-time, reverse path communications, and uses DigiCipher® II,

Motorola's Emmy-award-winning access control and encryption technology. This

provides worry-free

access to such interactive services as VOD, Internet, e-mail,

home shopping and more. The advanced user features and capabilities of the Motorola DCT2000 support a host of new services and provide an unparalleled level of flexibility and control.



- Hybrid digital/analog terminal
- MPEG-2 video and Dolby Digital® audio
- Advanced security via Motorola DC-II Conditional Access and Harmony DES-based encryption
- Supports Open Cable/Harmony specifications
- Open architecture supports downloaded third-party software applications
- High-resolution, on-screen graphics display
- Real-time interactivity for use in VOD systems and Internet access



The Motorola DCT2000 uses DigiCipher® II, Motorola's Emmy-award-winning access control and encryption technology to provide a worry-free gateway.

OPERATOR BENEFITS

➤ Consumer-Friendly

- Platform for advanced third-party program guides and on-screen navigators
- Program guide feature support includes: Impulse PPV, VOD, sleep/wake timers, favorite channel programming, parental control setup and one-touch VCR programming through an optional IR blaster
- The Motorola DCT2000 fully supports GEMSTAR IPGs and also supports other commercially available Interactive Program Guides

➤ Advanced Audio and Video

- Highest picture quality and compatibility with a wide range of programming
- RF (ch 3/4) Baseband and high-quality component S-Video (optional)
- Movie-like video display provided through wide-screen aspect ratio capability
- Dolby Digital Audio® offers access to the digital audio bitstream through an AC-3 S/PDIF interface (optional)

➤ Two-Way Communications

- Configured with an integrated STARVUE II real-time RF return. An optional STARFONE telephone return modem may be added to support IPPV in one-way networks
- Modems can collect purchase information and return real-time interactive data

➤ Backward Compatibility

- Clear analog processing is standard
- Optional analog descrambling module allows full backward compatibility with existing scrambled analog services

➤ Upgradeable

- Architecture supports software downloads
- TV Pass Card renewable security system provides a means for upgrading system security
- Capable of High Definition with the addition of a Motorola HDD200

