



DCT6208 Single-Tuner HD-DVR Set-top

A high-definition TV-capable DVR digital cable set-top for hours of recording.

Motorola's DCT6208 set-top combines high-definition television with recording capabilities, allowing you to pause live TV and record programs even while watching another live or recorded program.

The Motorola DCT6208 delivers a powerful combination of interactive and entertainment services, such as digital video recording (DVR), high-definition television (HDTV), and other exciting applications. The DCT6208 comes equipped with an 80 GB hard disk drive (HDD) for hours of DVR recording, including the ability to record high-definition programs.

The DCT6208 is equipped with an advanced internal processor that helps bring you the latest in information and entertainment services. Additionally, the Motorola DCT6208 includes an "Entertainment Package" that enables a direct digital connection to external audio and video devices through an IEEE 1394 digital interface. DVI interfaces enable future networked video services and peripheral devices when software support becomes available.

The DCT6208's expanded memory capability, high-performance processor, and 3D graphics enable the running of advanced, interactive applications including games, home connectivity, and streaming media. To support future interactive services, the DCT6208 includes an integrated, high-speed DOCSIS® cable modem.

In addition to the more advanced features, the DCT6208 offers a range of standard digital and analog interfaces that provide you with configuration options for multiple networks and DTV connections. It also includes an MPEG encoder, making it possible to record analog TV shows on the built-in hard disk drive. These enhancements provide an even more compelling, easy-to-use HDTV and DVR experience.

Check with your local cable service provider for availability of the DCT6208 in your area.

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Technical Specifications

STANDARD FEATURES

80 GB internal hard disk drive
MPEG-2 digital video processor
Integrated high-definition decoder with YPbPr component output
DVI and dual 1394 (DTV) digital connectors
Built-in MPEG analog encoder
PCM, AC-3, Dolby® 5.1 ProLogic® digital audio capability
ITU standard 64/256 QAM/FEC/enhanced adaptive equalizer
DOCSIS 1.0/1.1 capable integrated cable modem
Two 54–860 MHz tuners
Frequency-agile 2.048 Mbps out-of-band data receiver
800 MIPS, RISC-based microprocessor
32 bit, 2D/3D graphics
Analog/digital video scaling (Picture in Graphics)
16 MB Flash, 64 MB DRAM standard unified memory
Clear analog channel processor with BTSC decoder
DES-based encryption/DCII access control
Digital diagnostics
Macrovision® copy protection
Full feature access from front panel

OPTIONAL FEATURES

A/B switch
RF bypass
Expansion DRAM (up to 128 MB via field upgrade)
Expansion FLASH (up to 32 MB, factory installed)
Universal remote (DRC450)

STANDARD INTERFACES

YPbPr component output
DVI and 1394 (DTV) digital interfaces
Optical and electrical SPDIF/Dolby® Digital connectors
S-video output
RF and baseband output (video, L/R audio) ports
Front and rear panel L/R audio and video inputs
Three USB connectors (one on front panel)
10/100base-T Ethernet port (RJ-45 connector)
SmartCard interface connector (e-commerce)
TVPASS™ renewable security connector
IR Blaster port
4-digit, 7-segment LED display with IR receiver for remote or/and keyboard
Switched accessory outlet

GENERAL SPECIFICATIONS

W x H x D 17.13 x 12.75 x 2.75
Weight 11 lbs.

To view our full line of Connected Home Solutions, visit our Web site at broadband.motorola.com/consumers

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