

## FEATURES

Supports Standard-Definition (SD), Enhanced-Definition (ED), and High-Definition inputs, creating a Standard Definition only output

Dolby® Digital and stereo audio output

Digital Video Recording (DVR) services

Supports Video-on-Demand (VoD) programming

SATA connector for additional DVR capacity with an external hard drive

Built-in DOCSIS® cable modem for high-speed connections

Full range of industry-standard outputs for video, audio, and data applications

Unswitched accessory AC outlet

On-screen diagnostics

Full feature access from front panel

Support for Macrovision® copy protection

DES-based encryption

DigiCipher®II access control

Out-of-band (OOB) data receiver

Support for pass-through of vertical blanking interval (VBI) data services (closed caption, V-chip, and CGMS-A)

Picture-in-Picture-capable

## BENEFITS

Maintain a personal library of recorded programming

Records hours of SD, ED and HD programming. (Please note: HD recorded programming will be stored on the hard drive as HD, but output as SD.)

Pause and shift live TV programming

Schedule multiple recordings through the Interactive Program Guide (IPG)

- Watch two programs and switch between them
- Record one program while watching another
- Record two programs at the same time
- Watch a recorded program while recording two other programs



The Motorola DCT3080 all-digital set-top combines the extraordinary features of digital cable with dual-tuner, all-digital video recording (DVR) for watch-and-record capability. The DCT3080 supports standard definition output only, and it does not support tuning analog channels on the cable plant. This all digital DVR SD set-top rounds out Motorola's all-digital portfolio by meeting a service provider's All-Digital Simulcast (ADS) requirements.

The DCT3080 all-digital set-top offers advanced capabilities, including a high-end, high-performance microprocessor, expanded memory, and enhanced graphics. Being an all-digital set-top, it provides service providers with a quick and cost-effective way of realizing the benefits of an all-digital network for homes that do not require a high-definition format.

DCT3080 benefits include increased bandwidth for VOD content, on-demand information and entertainment services, as well as reduction in theft of video services.

# DCT3080

All-Digital Dual-Tuner DVR Standard-Definition Set-Top

## TECHNICAL SPECIFICATIONS

### DOCSIS® 1.0/1.1/2.0-CAPABLE INTEGRATED CABLE MODEM

#### RF INPUT FREQUENCY

##### (VIDEO AND AUDIO)

54 to 864 MHz

#### AUDIO/VIDEO OUTPUTS

S-video, composite video, remodulated RF (optional), left/right baseband, optical SPDIF, coaxial SPDIF

#### DATA CONNECTIONS

USB 2.0 (rear panel), Ethernet 10/100Base-T, SATA interface

#### OOB MODULATION

QPSK

##### Frequency

Agile receiver 70 to 130 MHz

##### Bandwidth

2.0 MHz maximum

##### Level

-15 to +15 dBmV

#### DIGITAL INPUT LEVEL

##### 64 QAM

-15 to +15 dBmV

##### 256 QAM

-12 to +15 dBmV

#### PROCESSOR/MEMORY

16 MB Flash

128 MB DRAM standard unified

MIPS, RISC-based processor

#### VIDEO RESOLUTION (SD OUTPUTS)

4:3 up to 720 x 480; up to 32-bit color, 2D/3D support and scalable video-in-graphics

#### OPERATING REQUIREMENTS

##### Operating temperature

15 °C to 42 °C (59 °F to 108 °F)

##### Operating humidity

5% to 90% (non-condensing)

#### POWER SUPPLY

##### AC voltage

105 – 125 V 60 Hz

##### Power dissipation

30 to 35 W AC, depending on active features

##### Accessory Outlet

Unswitched 4 A MAX, 500 W MAX, 105 – 125V 60Hz

#### REGULATORY (US AND CANADA)

FCC, IC, UL, and C-UL

#### GENERAL SPECIFICATIONS

##### Size

17.0 in. (43.2cm) W by 11.0 in. (27.9cm) H by 2.75 in. (7cm) D

##### Weight

8.8 lbs. (4.0 kg)

##### Accessories

DRC800 Universal Remote Control (sold separately)

##### Hard disk drive

80 GB

Certain features may not be activated by your service provider, and/or their network settings may limit the feature's functionality. Additionally, certain features may require a subscription. Contact your service provider for details. All features, functionality, and other product specifications are subject to change without notice or obligation.



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