



# MOTOROLA DCX3400

## DIGITAL VIDEO RECORDER

### FEATURES

- M-Card™ (Multi-stream CableCARD) Host support for conditional access
- OpenCable Application Platforms (OCAP™) capable
- Compatible with Motorola DCT/DCH legacy software API set
- Dual Tuner Digital Video Recorder (DVR)
- Standard 160GB Hard Drive (250GB option)
- Optional MoCA™ home-networking interface
- Dual High-definition (HDTV) decode of MPEG-2, MPEG-4 AVC (H.264), VC-1
- Dual Audio decode of Dolby® Digital, Dolby® Digital Plus, AAC-LC/HE-AAC, WMA9, MP3
- Dual 1 GHz DOCSIS tuner
- Picture-in-Picture
- DOCSIS 2.0+ embedded Cable Modem with support for DSG and down-stream channel bonding (3 down, 1 up)
- 32 MB Flash (standard), 256 MB DRAM total (standard)
- SCTE 55-1/SCTE 55-2 Out-of-band (OOB) data transmitter/receiver
- Video scaling (Picture-in-graphics)
- Accelerated 2D graphics
- Full featured front panel display and controls
- Remote and on-screen diagnostics
- Switched Digital Video (SDV) Capable
- Macrovision®, HDCP, DTCP, and CGMS-A content protection schemes on the respective interfaces



### PRODUCT SPECIFICATIONS

#### STANDARD INTERFACES

##### Front Panel

- Power, Message, Data, and Home LAN indicators
- Output video format indicator
- 4-character 7-segment display
- 2 Recording indicators
- IR remote control sensor
- USB 2.0 Host Type A port
- 4-way navigation, Select, Power, Menu, Guide, Info, Channel Up/Down and Format buttons



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## PRODUCT SPECIFICATIONS

### STANDARD INTERFACES CONT.

#### Rear Panel

F-connector for Cable input  
Pre-installed M-Card™  
HDMI™ output  
YPbPr component output  
Baseband composite video output  
RF Remod output (Ch. 3/4)  
S-video output  
L/R audio output with volume control  
L/R audio output - fixed line level  
Coaxial and Optical S/PDIF digital audio outputs  
USB 2.0 Host Type A port  
1394a interface  
10/100 Ethernet interface  
eSATA interface  
Mini-phone 3.5mm serial port/External IR input  
Accessory Outlet Unswitched 4 A/500 W maximum

### MANUFACTURING OPTIONAL FEATURES

Integrated MoCA™ Home Networking interface (DCX3400-M)

250GB Hard Drive with Shock Mounting

### SPECIFICATIONS

**RF Input Frequency (video and audio)**

54 To 1002 MHz (video and audio)

**Memory**

32 MB Flash, 256 MB DRAM

**Video**

Up to 32-bit color, accelerated 2D and 3D support, and scalable video-in-graphics

**Processor**

MIPS, RISC-based

**Graphics Resolution**

SD outputs 4:3 up to 720x480

HD outputs 16:9 up to 1920x1080

480i, 480p, 720p, 1080i and 1080p 24/30 (HDMI only)



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## **PRODUCT SPECIFICATIONS**

### **SPECIFICATIONS CONT.**

<b>Operating Temperature</b>	50°F to 108°F (15°C to 42°C)
<b>Operating Humidity</b>	5 to 90% (non-condensing)
<b>AC Voltage</b>	105 to 125 VAC, 60 Hz
<b>Power Dissipation</b>	35 W (depending on features)
<b>OOB Modulation QPSK</b>	Frequency Agile receiver 70 to 130 MHz Bandwidth 2.0 MHz maximum Level -15 to 15 dBmV
<b>Digital Input Level</b>	64 QAM -15 to 15 dBmV 256 QAM -12 to 15 dBmV
<b>Dimensions</b>	3.2 x 15.0 x 9.87 in. (H x W x D)
<b>Weight</b>	8.0 lbs.