



MOTOROLA DCH200

ANALOG/DIGITAL, SDTV, M-CARD™ HOST SET TOP

FEATURES

- M-Card (Multi-stream CableCARD) Host support for conditional access
- Compatible with Motorola DCT legacy APIs
- Single 54 to 864 MHz video tuner
- Digital video (64 QAM/256 QAM)
- Analog video (NTSC)
- MPEG-2 digital standard-definition (SD) video support
- Video scaling (Picture-in-Graphics)
- Accelerated graphics
- Dolby™ Digital 5.1 and PCM audio
- 32 MB Flash (standard)
- 128 MB DRAM total (standard)
- RF out-of-band (OOB) data transmitter/receiver
- On-screen diagnostics
- Macrovision™ and CGMS-A content protection



TECHNICAL SPECIFICATIONS

FRONT PANEL

- Power On and Message LEDs, IR remote control sensor

REAR PANEL

- F-connector for cable input
- M-Card slot
- RF remod output (Ch 3/4)
- Baseband composite video output
- S-video output
- L/R audio output
- Coaxial and optical S/PDIF digital audio outputs
- USB 1.1 Host Type A port
- Mini-phone serial port
- IR remote control input extender port

RF INPUT FREQUENCY

- 54 to 864 MHz

MEMORY

- 32 MB Flash; 128 MB DRAM standard unified
- Legacy platform supported

VIDEO

- Up to 32-bit color, accelerated 2-D support, and scalable video-ingraphics

PROCESSOR

- MIPS, RISC-based



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TECHNICAL SPECIFICATIONS

GRAPHICS RESOLUTION

- SD Outputs
 - 4:3 up to 720 x 480
- Video Resolution
 - 480i

OPERATING TEMPERATURE

- 50° to 108°F (15° to 42°C)

OPERATING HUMIDITY

- 5 to 90% (non-condensing)

AC VOLTAGE

- 105 to 125 VAC, 60 Hz (external power supply)

POWER DISSIPATION

- 28 W AC

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
 - -15 to 15 dBmV

DIMENSIONS

- 2.18 x 11.22 x 7.11 in. (H x W x D)

WEIGHT

- 3.0 lbs.