



ARRIS DCX3520

HD DUAL TUNER DVR SET-TOP

FEATURES

- Embedded MediaCipher™ Conditional Access
- Compatible with Motorola DCT/DCH legacy software API set
- Digital Video Recorder (DVR) with dual 1 GHz digital video tuners
- Additional 1 GHz DOCSIS® tuner
- Standard 500 GB hard drive
- Standard MoCA integrated home networking interface
- High-definition (HDTV) decode of MPEG-2 and MPEG-4 AVC (H.264) with 1080p60 HDMI output
- Dolby® Digital and Dolby Digital Plus audio decode
- Dolby Volume intelligent multi-channel audio leveling
- DOCSIS 2.0+ embedded cable modem with support for DSG and downstream channel bonding (3 down, 1 up)
- SCTE 55-1/SCTE 55-2 out-of-band
- 64 or 128MB Flash, 512 or 1024MB DRAM
- Front panel display
- Remote and on-screen diagnostics
- Switched Digital Video (SDV)-capable
- Accelerated 2D and 3D graphics



PRODUCT SPECIFICATIONS

STANDARD INTERFACES

Front Panel

- Power, Message, Data, and Home LAN indicators
- Output video format indicator
- Four-character seven-segment display
- Two recording indicators
- IR receivers
(Motorola)
- Power button



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PRODUCT SPECIFICATIONS

STANDARD INTERFACES CONT.

Rear Panel

F - connector for cable input
Integrated MoCA 1.1 Home Networking interface
HDMI output (up to 1080p60) with auto-lip sync correction
YPbPr component output
Baseband composite video output
L/R audio output with volume control
Optical S/PDIF digital audio outputs
10/100 Ethernet interface
eSATA interface
Mini-phone 3.5 mm serial port/External IR input (IR extender cable sold separately)
USB 2.0 Host Type A port

SPECIFICATIONS

RF Input Frequency

Dual 54 MHz to 1002 MHz (audio/video)

Memory

64 or 128 MB Flash, 640 or 1024 MB DRAM

Video

HDTV decode of MPEG-2, MPEG-4 AVC

Video Format

NTSC, PAL-M, PAL-Nc

Video Resolution

480i/p, 576i/p, 720p, 1080i, and 1080p60 (HDMI only)

Audio

Dolby Digital, Dolby Digital Plus, Dolby Volume

Graphics

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

1 GHz DOCSIS Tuner

DSG and 2.0+ channel bonding (3 down, 1 up)

Hard Disk Drive

500 GB internal

Out-of-Band Modulation

Frequency agile receiver 70 MHz to 130 MHz

Power Supply

105 VAC to 125 VAC, 60 Hz input; 12 VDC output



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Power Dissipation	28 W (depending on features)
Dimensions	12.6 in W x 8.75 in D x 2.56 in H
Weight	5.5 lbs.
Operating Temperature	15 °C to 42 °C (50 °F to 108 °F)
Operating Humidity	5% to 90% (non-condensing)