



ARRIS DCX525

ALL-DIGITAL, HIGH DEFINITION (HDTV) SET-TOP

FEATURES

- Embedded MediaCipher™ Conditional Access
- Single 1GHz digital video tuner (QAM 64/256)
- Compatible with ARRIS DCT/DCH legacy software API set
- Dolby® Digital, Dolby® Digital Plus, AAC-LC / HE-AAC, WMA9, MP3
- High-definition (HDTV) decode of MPEG-2, MPEG-4 AVC (H.264)
- SCTE 55-1 Out-of-band
- Video scaling
- Video-in-Graphics
- Accelerated 2-D and 3-D graphics
- 256 MB Flash, 512 MB DRAM
- Front panel Power/Standby LED
- Remote and on-screen diagnostics
- Switched Digital Video capable
- Rovi®, HDCP, DTCP, and CGMS-A content protection schemes on the respective interfaces



PRODUCT SPECIFICATIONS

STANDARD INTERFACES

Front Panel

Power LED

Rear Panel

IR remote control sensor (ARRIS)

F-Connector for cable input/output

HDMI output

10/100 Ethernet interface

3.5 mm serial port/external IR input

GENERAL

RF Input Frequency

54 TO 1002 MHz (video and audio)

Memory

256 MB Flash, 512 MB DRAM

Video

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

Graphics Resolution

SD outputs 4:3 up to 720x480

HD outputs 16:9 up to 1920x1080



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TECHNICAL SPECIFICATIONS

GENERAL CONT.

Video Output Resolution	480i and 576i (Remod) 480i/p, 576i/p, 720p, 1080i, 1080p24, 1080p30, and 1080p60 (HDMI)
Audio	Dolby Digital, Dolby Digital Plus, Dolby Volume Leveling , HE-AAC,WMA9, MP3 capable
Operating Temperature	59 °F to 113 °F (15 °C to 45 °C)
Operating Humidity	5 to 95% (non-condensing)
AC Voltage	90 to 260 V, 50/60 Hz
Power Dissipation	<9 W (depending on feature)
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
Dimensions	1.4 x 5.5 x 3.6 in. (H x W x D)
Weight	0.50 lbs.