



ARRIS VIP2262

ADVANCED IP HD SET TOP WITH DVR

FEATURES

- Easy to use and install
- Connects to high-definition or standard-definition TVs
- Superior high definition video and all digital sound quality
- Supports Standard Definition and High Definition (SD/HD) high-quality digital video
- Dolby Digital AC3 and AAC digital audio
- Integrated 500GB or 1TB hard disk drive (HDD) for Multi-room DVR (watch and record) functionality
- Interactive IP set-top supports Electronic Program Guides (EPG) and Video On Demand (VOD), and Multi-room DVR as well as many web/IP delivered applications using rich advanced graphics
- Support for secure Digital Rights Management (DRM) with integrated Secure Processor
- Supports High-Definition Multimedia Interface™ (HDMI) connectivity with High-Bandwidth Digital Content Protection (HDCP)
- ROVI® and CGMS-A analog copy protection schemes
- Universal Remote Control friendly
- Supports multiple video codecs – including MPEG-4 AVC (H.264), MPEG-2 and VC-1 – for optimum deployment flexibility
- ENERGY STAR® 3.0 qualified, ENERGY STAR® 4.1, and RoHS compliant

CAPABILITIES

- Two-way IP capabilities to support multiple interactive applications, such as Broadcast TV, time-shifted TV, and multicast
- Feature-rich interactive applications and graphics
- Digital TV functionality, including interactive electronic program guide (EPG) and video on demand (VOD)
- Digital video scaling and hardware for multiple picture-in-picture (PiP) supports up to 16 PiPs in a Mosaic-style view





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TECHNICAL SPECIFICATIONS

VIDEO INTERFACES

- High Definition TV
 - HDMI with HDCP support, Component video (YPbPr)
- Standard Definition TV
 - Composite video
- Video Codecs
 - MPEG-2, MPEG-4 AVC (H.264), VC-1, WMV

AUDIO

- Audio Interfaces
 - Optical S/PDIF, L/R RCA stereo and audio connectors
- Audio Codecs
 - Dolby Digital 5.1, Dolby Digital Plus, MPEG-1 (MUSICAM), MP3, AAC LC, HE-AAC, WMA

OTHER INTERFACES

- IR Receiver for remote: RC5, RCMM, and NEC protocols
- USB 2.0 (front panel)
- 10/100 Base-T Ethernet (RJ-45)
- External power supply
- HomePNA v3.1 interface (optional)

SOFTWARE

- Operating system: Windows® CE version 5.0, Linux®
- Streaming protocols: RTSP, RTP/RTCP
- Software upgrade: Remote software download/upgrade
- Copy protection: ROVI® 7.1, CGMS-A, HDCP
- User Interface: Electronic Programming Guide (EPG)

PROCESSING

- CPU: 1,100 DMIPS
- DRAM: 256 MB standard (supports up to 512 MB)
- Flash: Supports up to 256 MB

MIDDLEWARE

- Microsoft
 - Mediaroom middleware

SECURITY

- Microsoft
 - Mediaroom DRM

VIDEO RESOLUTION

- 480i, 480p (NTSC)
- 720p, 1080i, 1080p (HD)



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TECHNICAL SPECIFICATIONS

DIMENSIONS

- 2.2 x 9.5 x 6.2 (in.) (H x W x D)

WEIGHT

- 2.95 lbs.

POWER

- 95 to 130 VAC, 12 VDC

POWER CONSUMPTION

- 30W max.

OPERATING TEMPERATURE

- 32° to 104°F (0° to 40°C)

OPERATING HUMIDITY

- 8 to 95% (non-condensing)

OTHER

- Limited Warranty for 1 year
- Compliance
 - UL Listed (U.S. & Canada), RoHS, ENERGY STAR Tier 1, FCC Part 15, CSA, and IC
- Power Save Mode
 - Sub-1 Watt low power stand by mode

WIRELESS INTERFACE (OPTIONAL)

- Compliance: IEEE 802.11n Draft 2.0
- Frequency Band: 5 GHz
- Antenna: 4x4 MIMO
- RF Power: up to 25 dBm
- PHY rate: up to 300 Mbps (actual throughput will be lower and vary depending on application and network environment)
- Frame Aggregation: A-MPDU
- Coding: Convolutional, STBC
- Security: WEP, WPA, WPA2, 802.1X
- Setup: Support for Wi-Fi Protected Setup™ (WPS); Push Button Control (PBC)