



ARRIS VIP2502W

WIRELESS IP HIGH-DEFINITION SET TOP

FEATURES

- Easy to use and install
- Connects to high-definition or standard-definition TVs
- Supports high-quality Standard Definition and High Definition (SD/HD) digital video
- Dolby® Digital AC3 and AAC digital audio
- Supports secure Digital Rights Management (DRM) with integrated Secure Processor
- 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
- Supports 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
- Compatible with Universal Remote Controls
- Supports multiple video codecs—including MPEG-4 AVC (H.264), MPEG-2 and VC-1—for optimum deployment flexibility
- ENERGY STAR® Tier 1 qualified, ENERGY STAR® Tier 2 ready, and RoHS compliant
- As a signatory to the VIA June-2013 Agreement, the ARRIS VIP STB meets the Ecodesign Directive 2009/125/EC



PRODUCT SPECIFICATIONS

VIDEO INTERFACES

High-Definition TV

HDMI with HDCP support, optional component video (Y Pb Pr)

Standard-Definition TV

RCA composite video or SCART

Video Codecs

MPEG-2, MPEG-4 AVC (H.264), VC-1 WMV

AUDIO

Audio Interfaces

Optical S/PDIF, L/R RCA stereo audio connectors (1 pair)

Audio Codecs

Dolby Digital 5.1, Dolby Digital Plus, MPEG-1 (MUSICAM), MP3, AAC LC, HE-AAC, WMA



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PRODUCT SPECIFICATIONS

WIRELESS INTERFACE

Compliance	IEEE 802.11n Draft 2.0
Frequency Band	5 GHz
Antenna	4x4 MIMO
RF Power	20 dBm
PHY Rate	Up to 300 Mbps
Frame Aggregation	A-MPDU
Coding	Convolutional, STBC
Security	WEP, WPA, WPA2, 802.1X
Setup	Supports Wi-Fi Protected Setup™ (WPS)

OTHER INTERFACES

IR Receiver for Remote	RCMM, RCS, or RSTEP
USB	2.0 (front panel only)
Ethernet	10/100 Base-T Ethernet (RJ-45)
Power Input	External power supply
Wireless	Integrated 4x4 802.11n interface

SOFTWARE

PlayAssure	Embedded PlayAssure set-top and network test and diagnostic tool support
Operating System	Windows® CE version 5.0, LINUX®
Streaming Protocols	RTSP, RTP/RTCP
Software Upgrade	Remote software download/upgrade
Copy Protection	ROVI 7.1 CGMN-A, HDCP
User Interface	Electronic Programming Guide (EPG7.5)



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PRODUCT SPECIFICATIONS

VIDEO RESOLUTION

NTSC/PAL	480i, 480p (NTSC), 576i (PAL)
High-definition	720p, 1080i, 1080p

PROCESSING

CPU	Broadcom 7406 system-on-chip, 1,100 DMIPS, 2x400Mhz
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DRAM	256 MB
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Flash	128 MB (Standard)
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MIDDLEWARE

Ericsson	Mediaroom™ middleware
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SECURITY

Microsoft	Mediaroom™ DRM
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PHYSICAL

Dimensions	1.77 x 6.30 x 9.65 in. (H x W x D)
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Weight	2.95 lbs.
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Power	95 to 130 VAC, 12 VDC
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Power Supply Rating	18W Max.
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Operating Temperature	32 to 104°F (0 to 40°C)
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Operating Humidity	8 to 95% (non-condensing)
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Non-operating Temperature	-40 to 140°F (-40 to 60°C)
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Non-operating Humidity	5 to 95% (non-condensing)
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OTHER

Limited Warranty	Two Years
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Compliance	UL listed (U.S. and Canada), CE,, RoHS, Energy Star Tier 1, FCC Part 15, CSA, and IC As a signatory to the VIA June-2013 Agreement, the ARRIS VIP STB meets the Ecodesign Directive 2009/125/EC.
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