VIP2262 V2

ADVANCED IP HIGH-DEFINITION SET-TOP WITH DVR

ARRIS™

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)

Strengthen your IP Video Leadership – Count on the ARRIS VIP2262 V2 to help you deliver innovative, advanced IP HDTV and HD Multi-room DVR experiences to your premium customers.

The ARRIS VIP2262 V2 Advanced IP High-Definition Set-top with DVR is a compact, superior HDTV IP set-top with a built-in hard disk drive for DVR functionality. The ARRIS VIP2262 V2 allows operators to expand their subscriber base, increase customer satisfaction, and grow their average revenue per user. The VIP2262 V2 redefines the IP Video experience, enabling operators to accelerate their time to revenue, while providing their subscribers with quality, next-generation IPTV.

The VIP2262 V2 offers consumers rich home entertainment experiences with crystal clear HD picture and surround sound. Consumers can also enjoy the added convenience of watching one channel in one room while enabling personalized DVR control of another channel in another room, along with the flexibility of watching on-demand services whenever they want.

The VIP2262 V2 is part of the ARRIS comprehensive, secure, flexible, reliable, scalable, and open end-to-end IPTV Solution Suite, which enables operators to effectively compete with the incumbent Video Provider while bringing down the cost of delivering compelling next-gen HD IP video experiences. The deployment of the VIP2262 V2 allows operators to retain high-value customers and grow their subscriber base, increase average revenue per user (ARPU), and lower capital spending, all while improving customer loyalty and retention. With the VIP2262 V2, operators can deliver a myriad of differentiated offerings that meet the growing consumer demand for personalized video content and delivery options while balancing the need to closely manage their capital investment and operating expenses.

VIP2262 ARRIS Advanced IP High-Definition Set-top with DVR

Features (continued)

- 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

The VIP2262 V2 offers subscribers the latest advanced IPTV experiences and features, including:

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

Features:

- A high-end system-on-a-chip (SoC) 1,100 DMIPS microprocessor and enhanced graphics to decode HD and SD digital TV and output high-quality surround sound audio
- 256 MB DRAM (optional up to 512 MB)
- Flash memory (optional up to 256 MB)
- Expanded memory and a full range industry-standard audio, video and data inputs / outputs
  - Rear Panel Interfaces include Ethernet, Composite Video,L/R Audio, Optical S/PDIF, Component, HDMI v1.3, HPNA v3.1, and Power
  - Front Panel Interfaces include Power, Status LEDs, Control Buttons, IR port for Remote Control, and USB 2.0 port
- Optional HomePNA (HPNA) v3.1

The VIP2262 V2 is Microsoft® Mediaroom™ certified. It redefines the high-definition IP Video experience, delivering innovative, cost-effective IPTV with instantaneous channel changes, easy to use and easy to understand interactive program guides, and advanced services like VOD, multi-room DVR, multiple picture-in-picture capabilities, media sharing, and parental control.

With the VIP2262 V2:

- TV is no longer just a TV, it's "Way Better TV." With Mediaroom, the TV can connect and share content across any device in any format at any time, creating a "connected home."
- Implementing techniques such as Instant Channel Changing (ICC) ensures the quality of the broadcast stream and consistent performance in channel zapping has been ensured.

As a global leader in IPTV solutions, ARRIS offers service providers quick time-to-revenue IPTV deployments with flexible service/content packages for consumers, new billing options, and end-user personalization. At the same time, the ARRIS IPTV software and services portfolio increases an operator's ability to differentiate and personalize offerings across multiple media, generating new revenue opportunities and improving the customer care system.

Specifications

VIDEO INTERFACES

High-Definition TV	HDMI with HDCP support, Component video (Y Pb Pr)
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 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)
Ethernet	10/100Base-T Ethernet (RJ-45)
Power input	External power supply
Optional	HomePNA v3.1 interface

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)

VIDEO RESOLUTION

NTSC	480i, 480p
High definition	720p, 1080i, 1080p

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

PHYSICAL

Dimensions	2.2 in H x 9.5 in W x 6.2 in D (5.6cm x 24.13cm x 15.75cm)
Weight	2.95 lb (1.3 kg)
Power	95 to 130 VAC, 12 VDC
Power consumption	30 W max.
Operating Temperature	32 °F to 104 °F (0 °C to 40 °C)
Operating Humidity	8% to 95% (non-condensing)

OTHER

Limited warranty	One Year
Compliance	UL listed (U.S. and 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**
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)

** Actual throughput will be lower and vary depending on application and network environment.

Specifications subject to change without notice.

www.amt.com

Advanced Media Technologies®Inc. · 3150 SW 15th Street Deerfield Beach, FL 33442
(888) 293-5856 · (954) 427-5711 · Fax (954) 427-9688