

# VMS4100

## Hybrid QAM/IP HD Video Media Server



### Features:

- Six QAM tuner supports standard- and high-definition MPEG-2 and MPEG-4 formats
- Support for 4K ultra high-definition content and HEVC decoding
- Embedded IP networking over coaxial cable using MoCA technology
- Two-way IP data communication
- Powerful dual core ARM processor
- Out-of-band data receiver
- Full range of industry-standard video, audio, and data outputs (for details, see “Specifications”)
- Dolby® 5.1 digital audio
- Front-panel LED display
- Embedded MediaCipher conditional access

### PRODUCT OVERVIEW:

The ARRIS VMS4100 is a whole-home video media server that delivers the best in digital entertainment content from your service provider and the Web to every screen in your home. With support for the latest 4K video services, the VMS4100 supports six independent tuners and can access and decode video programming from any QAM or authorized IP source and distribute it securely over your home network to any connected television. The VMS4100 supports IP video streaming of live or recorded content for up to four additional TVs connected using low profile IPC1100 MoCA or IP815W Wifi connected client set-top devices. Equipped with one terabyte of internal storage, the VMS4100 supports recording and playback of up to 150 hours of HD content or hundreds of hours of standard definition programming.

# VMS4100

Hybrid QAM/IPHD Video Media Server



VMS4100 Rear View

## BENEFITS:

- Superior, all-digital video and sound quality for a true home theater experience
- Supports latest 4K UHD video and HEVC decoding technologies
- Record up to 150 hours of HD programming and up to 750 hours of SD programming\*
- Process QAM and IP video transports
- Embedded IP networking supports high bandwidth data applications
- Share a list of recorded programs
- Use as a home media server to enable viewing of recorded programs on set-tops throughout the home via MoCA
- Advanced hardware platform supports feature-rich applications and graphics
- Supports typical digital TV functionality, including the interactive program guide (IPG), video on demand (VoD), and commercial-free, CD-quality music

\*Actual times may vary based on program and channel encoding

### GENERAL SPECIFICATIONS

Input Frequency	
QAM	52.75 to 864 MHz
MOCA	1125 to 1225 MHz
OOB	70 to 130 MHz
Input level	
64 QAM	-15 to +15 dBmV
256 QAM	-12 to +15 dBmV
OOB	-15 to +15 dBmV
MoCA	0 dBm
Outputs	
HDTV	HDMI™
Standard TV	Composite video
Audio	Baseband L/R and Optical S/PDIF
Data	USB 3.0, 10/100/1000 Base-T, Bluetooth 4.2

### GENERAL SPECIFICATIONS (continued)

Memory	
DRAM	4 GB
Flash	8 GB
CPU	12000 DMIPS
Video	MPEG-2 and MPEG-4, VP9 Profile 0 and HEVC
Video resolution	480i, 480p, 720p, 1080i, 1080p, and 2160p
Graphic resolution	Up to 1920 x 1080
Colors	32-bit
Physical	
Operating temperature	15 °C to 40 °C (59 °F to 104 °F)
Operating humidity	5 to 95% (noncondensing)
Power Supply	115 VAC / 60 Hz nominal, 36 W max
Dimensions	190mm (D) x 46 mm (H) x 248 mm (W)
Weight	2.71 lbs.

Certain features may not be activated by your service provider, and/or their network settings may limit the feature's functionality. Additionally, certain features may require a subscription. Contact your service provider for details. All features, functionality, and other product specifications are subject to change without notice or obligation.



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