



MODEL

MG2

**CABLE MEDIA GATEWAY,
ATSC, HEVC, UHD MEDIA GATEWAY WITH MOCA® 2.0 & TIVO®**



PRODUCT OVERVIEW

ARRIS is meeting the growing subscriber demand for HD and 4K content with the MG2 (DCX900) Video Gateway. The MG2 Video Gateway is the next step in the evolution of home TV viewing. The MG2 is a dramatic improvement over existing set-tops – it has full 4Kp60 output, supports HDR10 programming, and runs the intuitive TiVo user experience. It is a media hub which means it connects to other client set-tops, and distributes and shares video content throughout the home. With its 6 tuners, you can record or watch multiple channels at the same time in different rooms. It comes with a 1 TB hard drive, so you can record and store just about all the video you'll ever want.

Improved Watch-and-Record Capabilities

Consumers value the watch-and-record flexibility they get with the MG2 Video Gateway. It comes with an integrated MoCA® 2.0 home networking interface, which allows it to serve as a high-speed multimedia hub via existing coaxial cables in walls for sharing content with other compatible devices in the home, creating an IP home network without having to install new wiring. This delivers whole home networking for service like Multi-Room DVR. With MR DVR you can record or pause, fast-forward or replay the shows you are watching on any TV in your home.

TiVo® Integration

At 12000 DMIPS, the MG2 is the highest performing gateway supporting the TiVo® user experience on the market. For multi-room DVR, the MG2 interoperates with ARRIS supplied TiVo® IP Clients (Minis). The integrated transcoding feature of the MG2 delivers simultaneous streaming of live and recorded content to mobile devices (iOS or Android). In addition the MG2 supports standard TiVo features such as integrated search across linear channels, video on demand, and streaming applications.

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FEATURES

- 1 TB internal hard drive

- Integrated with the TiVo intuitive and easy-to-navigate user experience

- 6 Digital Video Tuners supporting CableCard

- Video decode up to 4Kp60

- MoCA® Home Networking Interface

- 8 GB eMMC Flash, 3 GB DRAM

STANDARD INTERFACES

- Front Panel and Remote support

- LEDs for Power, Record, and Remote Activity

- RF4CE and Bluetooth® wireless interfaces

- IR remote control sensor

Rear Panel

- F-connector for Cable input

- HDMI™ output (supporting HDR10)

- 3.5mm mini connector for composite video and L/R audio

- Optical S/PDIF digital audio output

- (2) USB 3.0 ports

- 10/100/1000 Ethernet interface

- Remote Finder button



GENERAL SPECIFICATIONS

RF Input Frequency	54 MHz to 1002 MHz (audio/video)
Tuning	1GHz Full-Band Front End 6x 64-1024 QAM Demodulators
Memory	8GB eMMC Flash, 3GB DRAM
Video	Video decode up to 4Kp60 , HEVC, MPEG-4 AVC, MPEG-2, SVC, MVC
Composite Video Output Formats	NTSC
HDMI Video Output Formats	480i/p, 720p, 1080i, 1080p24/30/60, 4Kp24/30/60
HDR10 Support	4Kp60 H.265 / 10-bit HEVC
Audio	Dolby® Digital, Dolby® Digital Plus
Transcode	For mobile device streaming with TiVo application support
Graphics	1.2 Gp/s OpenGL ES3.1, scalable video-in-graphics
Home Networking	MoCA 2.0 10/100/1000 Ethernet
Hard Disk Drive	1 TB
Out-of-Band Modulation	Frequency agile receiver 70 MHz to 130 MHz 100 VAC to 120 VAC, 50/60 Hz input; 12 VDC output
Power Supply	External - 100 VAC to 120 VAC, 50/60 Hz input; 12 VDC output
Power Dissipation	17W (depends on features)
Dimensions	246mm Wide x 175mm Deep x 50mm High (9.7"W x 6.9"D x 1.9"H)
Weight	908g (2.00 lbs.)
Operating Temperature	15 °C to 40 °C (59 °F to 104 °F)
Operating Humidity	5% to 95% (non-condensing)

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

DOLBY AUDIO™

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