



PRODUCT OVERVIEW:

Extend the power of the ARRIS Whole Home Solution to any room in your house with the ARRIS IP815 client set-top. The IP815 is enabled with MoCA 2.0 and 802.11ac Wi-Fi home networking to receive live, recorded, OTT, and Video-On-Demand content from the DCX3635 Dual Play Gateway. The Whole Home Solution enables a full DVR experience in every room equipped with an IP815, including a Live Time-Shift Buffer. With an IP815 connected to the home network, end users can browse the DVR recordings stored on the video gateway, watch the recorded content, or schedule future recordings. The IP815 is also available with the ARRIS award winning Moxi user interface experience.



FEATURES

- Industry-standard video, audio, and data outputs (for details, refer to Specifications)
- Supports standard and high-definition MPEG-2 and MPEG-4 formats, including full 1080p60 HDTV decode
- True 1080p high-definition playback
- Embedded IP networking over coaxial cable with integrated MoCA 2.0
- Two-way IP data communication
- Integrated 802.11ac Wi-Fi with internal 3x3 MIMO antenna array and 5GHz radio
- Default Wi-Fi security: WPA-PSK WEP-64/128, WPA, WPA2
- Powerful (MIPS) RISC processor
- Dolby® 5.1 (all Outputs) and Dolby Digital Plus 7.1 digital audio (HDMI only)
- IR and RF4CE remote control interfaces
- Power and Home LAN LEDs
- Rear panel USB 2.0 port
- Open GL ES 2.0—advanced 3D graphic acceleration

BENEFITS

- Superior, all-digital video and sound quality for a true home theater experience
- Embedded IP networking supports high-bandwidth data applications
- 802.11ac 3x3 5GHz Wi-Fi
- Supports digital TV functionality, including the interactive program guide (IPG), video on demand (VoD), and commercial-free, CD-quality music
- Advanced hardware platform supports feature-rich applications and graphics
- Process IP video transport
- Rovi®, HDCP, DTCP, IPRM and CGMS-A content protection schemes on the respective interfaces

GENERAL SPECIFICATIONS

INPUT FREQUENCY	
IP	1125 to 1525 MHz (1675 MHz MoCA 2.0)
Home Network	MoCA-compliant, 802.11ac Wi-Fi
DIGITAL INPUT LEVEL	
IP Data Carrier	MoCA
Frequency	1125 to 1525 MHz (1675 MHz MoCA 2.0)
Bandwidth	50 MHz/100 MHz (MoCA 2.0)
Level	0 dBm
OUTPUTS	
HDTV	HDMI
Standard TV	Composite Video (RCA)
Audio	Optical S/PDIF, Analog L/R
Data	USB 2.0, 10/100Base-T Ethernet, 802.11ac Wi-Fi (backwards compatible with 802.11b/g/n)
MEMORY	
DRAM	1GB
Flash	512MB
CPU Minimum	3000 MIPS
Video	MPEG-2 and MPEG-4
Video resolution	480i, 480p, 720p, 1080i, 1080p
Graphic resolution	Up to 1920 x 1080
Colors	32-bit
PHYSICAL	
Operating temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating humidity	5 to 95% (noncondensing)
AC voltage	100 to 240 VAC, 50 Hz
Power dissipation	15 W nominal (depending on features)
Size	159.92 mm (D) x 48.42 mm (H) x 159.55 mm (W)
Weight	1.2 lbs. (including external power supply)

Specifications are subject to change without notice.



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