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FEATURES:

- 500 GB or 1 TB internal hard drive
- Available with the award-winning ARRIS Moxi User Interface experience
- Full Band Capture (1 GHz) 16 QAM front end
  - Standard Configuration: 6 Digital Video Tuners with DOCSIS 3.0 (8x4)
  - DOCSIS 3.0 Channel Bonding (16x4) capable with all IP configuration
- Video Decode up to 1080p60 AVC
- 2 x 1080p30 or 4 x 720p30 simultaneous transcode sessions
- Audio decode of Dolby® Digital, Dolby® Digital Plus
- MoCA® 2.0 Home Networking Interface
- Integrated Wireless Cable Modem and Router
- DOCSIS 3.0 Channel Bonding (8x4)
- 802.11ac 3x3 dual band concurrent wireless interface
- 512MB (4 Gbit) Flash, 1.5GB DRAM
### DCX3635

**Dual Play Gateway**

**Advanced Features**

The DCX3635 Dual Play Gateway includes state-of-the-art features. The front end of the DCX3635 is flexible, which allows the operator to deliver a mixture of services via QAM and IP to its tuners. So it can be configured to tune up to 6 QAM services simultaneously, with 8 DOCSIS downstream channels. Alternatively, the DCX3635 can be configured to use all 16 channelizers in the 1GHz Full Band Capture front end for delivering IP video and providing internet access.

Another key feature for the DCX3635 Dual Play Gateway is the built in transcoding capabilities. Transcoding allows it to take QAM MPEG-2 services, transcode it to MPEG-4 for delivery to mobile devices (tablets, smart phones) over the home Wi-Fi network. The DCX3635 can decode and display video content up to 1080p60 for the main display, plus additional video decodes to support either quad transcoding sessions up to 720p30 or dual up to 1080p30.

### Improved Watch and Record Capabilities

The ARRIS Whole Home Solution supports multi-room viewing of all broadcast, recorded, home network and internet content for a truly converged entertainment experience. This six-tuner whole home system enables subscribers to record as many as 6 HD channels simultaneously. Remote scheduling via internet browser devices enables operators to meet growing customer expectations to remotely schedule and dynamically manage recordings and scheduling conflicts when away from home. Users can also access Internet video and other content such as news, sports, market, or weather information.

### Standard Interfaces

#### Front Panel

- Power, Home LAN, Record, Wi-Fi and High Speed Data LEDs
- RF4CE wireless interface
- IR remote control sensors

#### Rear Panel

- F-connector for Cable input
- HDMI™ 1.4 output
- Baseband composite video output
- L/R audio output with volume control
- Optical S/PDIF digital audio output
- USB 2.0 Host Type A port
- (2) 10/100/1000 Ethernet interface
- eSATA interface
- Mini-phone 3.5mm serial port and External IR input
- Cable Modem Reset and WPS Buttons

### General Specifications

- **RF Input Frequency:** 54 MHz to 1002 MHz (audio/video)
- **Tuning:** 1GHz Full-Band Front End
- **Memory:** 512MB Flash, 1.5GB DRAM
- **Video:** Triple video decode (one local, two transcode) up to 1080p60, MPEG-2, MPEG-4 AVC, SVC, MVC
- **Composite Video Output Formats:** NTSC, PAL-M, and PAL-Nc
- **HDMI Video Output Formats:** 480i/p, 576i/p, 720p, 1080i, and 1080p24/30/60
- **Audio:** Dolby Digital, Dolby Digital Plus, Dolby Dialogue Clarity
- **Transcode:** Quad transcode up to 720p30 each, or dual transcode up to 1080p30
- **Graphics:** 1.2 Gp/s OpenGL 2.0, scalable video-in-graphics
- **Wi-Fi:** 802.11n, 2.4GHz, 3x3 MIMO, 20/40 MHz channels
- **Hard Disk Drive:** 500GB standard, 1 TB option
- **Out-of-Band Modulation:** Frequency agile receiver 70 MHz to 130 MHz
- **Power Supply:** 100 VAC to 240 VAC, 50/60 Hz input; 12 VDC output
- **Power Dissipation:** 46 W AC (depending on features)
- **Dimensions:** 324mm Wide x 228mm Deep x 63mm High
- **Weight:** 2.02 kg
- **Operating Temperature:** 15 ºC to 42 ºC (50 ºF to 108 ºF)
- **Operating Humidity:** 5% to 90% (non-condensing)

Specifications are subject to change without notice.