

Intermedia Delivery System™

- > A smaller, more affordable ADMS with new features and enhanced performance
- > A new evolution in home entertainment that simplifies how digital media content is acquired and managed
- > Provides seamless access to feature films, music, TV shows, streaming videos, photos & home movies, and the Internet
- > WorldSearch® quickly finds any kind of content from your local media library and the Internet
- > Stylish and intuitive onscreen menus with high-res cover art and metadata display
- > Embedded Netflix®, VUDU®, Hulu®, YouTube®, Pandora® and more!^[2,3]
- > Built-in secure Web browser with Flash® and Silverlight® plug-ins
- > HDMI® digital AV theater zone output
- > True HD 1080p video with 3D, Deep Color, and HDCP support
- > DTS-HD®, Dolby® TrueHD, Dolby Digital Plus, or PCM 7.1 surround sound up to 192k/24-bit
- > Two additional stereo audio zone outputs
- > Simultaneous S/PDIF and analog audio signals from all three zones
- > Stereo downmix of multi-channel surround sound available on the SPDIF and analog theater outputs
- > Audiophile sound quality with support for FLAC, WAV, WMA Lossless, iTunes Plus® & MP3
- > 1 TB internal hard drive optimized for HD multimedia
- > Expandable storage via NAS or Windows® Home Server
- > ADMS Connect® software enables easy media upload and synchronization with Windows PC or Mac®
- > Crestron Home® GUI enables onscreen control over lighting, climate, security, and AV^[5]
- > Fully controllable using optional wireless keyboard^[6] or handheld remote^[5,6]
- > Allows enhanced touch screen browsing and control from any room^[5]
- > CEC pass-through from the control system via HDMI
- > Wake on LAN and remote shutdown
- > Gigabit Ethernet connectivity
- > Built-in universal power supply
- > Compact 2-space 19" rack-mountable chassis



The ADMS-G2 is the latest generation ADMS featuring a leaner, greener package with enhanced performance and many new features including Pandora® Internet radio, VUDU®, expanded audio output capabilities, support for 3D, and new networking and control capabilities.^[1]

Not a Media Server — A New Standard in Media Delivery

In today's unruly world of multimedia options, with its mind-boggling array of media formats, software applications, set-top boxes, and proprietary user interfaces, the ADMS-G2 brings together all the fragments into one cohesive user experience called Intermedia Delivery™.

Giving you the power to acquire and manage virtually any content you desire is what Intermedia Delivery is all about. The ADMS-G2 provides a streamlined solution for storing and playing all your digital videos, music, photos and home movies. It also delivers a seamless online experience, letting you rent or purchase major motion pictures from Netflix® and VUDU®, stream videos from YouTube® and Vimeo®, listen to Pandora Internet radio, and watch your favorite news, sports, and TV shows through Hulu® and Hulu Plus^[2], Metacafe®, ESPN®, CNN®, and numerous other top providers. Built-in Web browsing completes the experience, giving you full access to all that the Internet has to offer without leaving the comfort of your home theater or living room sofa.

The World is Your Server™

It's an online world, and the ADMS-G2's exclusive WorldSearch® feature gives you the power to conquer it. Simply enter a title, actor, or any other subject and you're instantly gratified with an organized list of relevant content including full-length feature films and TV shows, clips and trailers, outtakes and interviews, and song tracks. WorldSearch combs the entire media library on your ADMS-G2 and other network drives, along with a plethora of online resources. With WorldSearch, you don't need to know where to look — you only need to know what you want.

Whether you just want to find a specific TV episode or viral video, or explore everything there is to know about a certain sports figure or the making of the latest blockbuster movie, WorldSearch finds you exactly what you want — plus a wealth of other media of interest to enhance your enjoyment and expand your knowledge. WorldSearch lets you manage where to look and how to sort the results, listing everything clearly in a stylish onscreen menu with detailed information accompanied by a screen grab image or cover artwork.

The ADMS-G2 Intermedia Delivery System™ transforms the way you experience all of today's vast and varied media, from TV programs and movies to home videos, music, and the Internet. The ADMS-G2 lets you effortlessly find and enjoy the content you want, whether it exists on a local hard drive or network share, an online store or the World Wide Web. As the centerpiece of your Crestron® home entertainment system, the ADMS-G2 replaces the disc players, media servers, HTPCs and set-top boxes that you used to need, providing one elegant, integrated solution for accessing all your high-definition movies, music, Internet TV, home videos, photos, and Web-based content.

ADMS-G2 Intermedia Delivery System™



ADMS-G2 — Rear View

On Demand and Always On Hand

The ADMS-G2 gives you more ways to enjoy feature length movies and television programming on your HD display:

- **Netflix®** — Native Netflix delivers instant access to a huge online catalog of new releases, classic films, and TV episodes. The ADMS-G2 offers a Netflix experience like no other, browsing effortlessly through the colorful menu of high-res cover artwork, viewing details for each title, quickly locating specific titles and HD content, and adding favorites to your Instant Queue.^[3]
- **VUDU®** — Enjoy new release movies and TV shows on demand in stunning 1080p True Digital video and rich Dolby® Digital Plus 7.1 surround sound. The entire VUDU catalog is integrated into the ADMS-G2 user experience, so there's no need to launch a browser or open any Web pages.^[4]
- **Hulu® & Internet TV** — With so much programming now available on the Internet, you may never watch conventional television again. The ADMS-G2 delivers an intuitive and inviting way to enjoy Internet TV without ever needing to log onto a computer or open a Web browser. Crestron continues to expand the ADMS-G2's offering of Internet TV services featuring top providers like Hulu and Hulu Plus^[2], Metacafe, ESPN, NFL®, NBA®, CNN, and ABC News.
- **High-Definition Movies & Video** — With support for the most popular video file formats, the ADMS-G2 allows seamless integration of an entire movie collection into your personal media library. Browsing through your movies is fun and easy, viewing high-res cover art, movie synopses and cast information for each title, with the ability to search by title, actor, director, genre, and other criteria. Once you've made your selection, the ADMS-G2 responds immediately with none of the waiting typical of a common disc player, and all your movies in one place.
- **YouTube® & More** — Instead of huddling around the computer, let the whole family relax and enjoy entertaining and informative online videos right on your HD display through YouTube, Vimeo, and other sites.
- **Web Browser** — In addition to all its native movie and TV resources, the ADMS-G2 also features an integrated Web browser providing access to all kinds of other streaming and downloadable content through your HDTV. Optimized for your HD display, the ADMS-G2 browser includes Adobe® Flash® and Microsoft® Silverlight® plug-ins to ensure compatibility with virtually any Web site or streaming content.

Music Access to the Max

The ADMS-G2 isn't just for home theater — it is also an audiophile grade music server for your whole house. Imagine having your entire music collection hosted on one intelligent device, with the ability to play any track, album, or playlist in seconds using the onscreen display or touch screens throughout the home^[5]. The ADMS-G2 supports a wide range of lossless and compressed audio file formats including Windows Media®, iTunes Plus®, MP3 and FLAC, with enhanced support for cover art and metadata. Its three independent audio outputs afford seamless integration with the [Sonnex™ Multiroom Audio System](#)^[5,6], allowing listeners in different rooms to each enjoy their own playlists and podcasts.

Pandora® Internet Radio — Times Three!

Just enter the name of any musical artist, song, or composer and Pandora instantly creates a “station” streaming related music for your listening pleasure. The ADMS-G2 shows you the current playing song right on your HDTV screen or touch screen along with album cover art and user controls for ranking and bookmarking. And, the ADMS-G2 lets the whole family enjoy up to three different Pandora stations at once from separate rooms through each of its three zone outputs.

A Photo Album for the New Age

What better place to view your family photos and home movies than on your high-definition video screen? ADMS-G2 provides an ideal asset for storing and displaying all your personal media files, offering the ability to organize your photos and videos into album folders, edit metadata for each file, and display them individually or as a stylized slideshow. You can even listen to music while viewing photos. The ADMS-G2 is compatible with a complete range of standard and high-definition file formats from digital cameras, camcorders, and mobile phones.

The Whole Internet on your HDTV

Why leave the comfort of your theater or living room when the ADMS-G2 gives you full access to the Internet right on your HDTV? All your favorite Websites are accessible through the ADMS-G2's integrated Web browser, letting you look up sports stats, check your online auctions, even sign on to Twitter® or Facebook® right from your favorite chair. Developed to provide an optimal full-screen HD experience, the ADMS-G2 browser is also secure and safe from malicious viruses and spyware so you can surf the Internet without fear of corrupting the system or losing your precious data.

ADMS-G2 Intermedia Delivery System™

Stay in Sync with ADMS Connect®

Managing the music, video, photo, and home movie files on your ADMS-G2 couldn't be simpler thanks to ADMS Connect software. ADMS Connect continuously monitors the media folders on your Windows® PC or Mac® computer (or network drive) and copies new files to the ADMS-G2 media library automatically as they're added. It can also be used to copy files manually. Using ADMS Connect, it's easy to keep your ADMS-G2 in sync with your computer whether you use iTunes®, Windows Media Player, or any other media application.

Boundless Media Storage

To store your complete media collection can take a lot of disc space. The ADMS-G2 includes an internal hard drive optimized for HD multimedia, providing nearly 1 terabyte of onboard storage — enough to handle approximately 45,000 songs in high-quality WMA Lossless format or over 400 standard-definition movies. Expanding the ADMS-G2's media capacity is enabled using one or more NAS (Network Attached Storage) units or Windows Home Servers.

High-Definition Multimedia Interface®

The ADMS-G2 employs accelerated HD graphics and enhanced audio processing for the best possible home theater experience. Its HDMI® theater output delivers up to 1080p60 HD video with support for Deep Color and 3D. Audio support includes Dolby® TrueHD, Dolby Digital Plus, DTS-HD®, and linear PCM 7.1 surround sound up to 192k/24-bit.

Through HDMI, the ADMS-G2 configures its output automatically to match the capabilities of your HDTV and audio receiver. Advanced support for HDCP (High-bandwidth Digital Content Protection) ensures trouble-free HD viewing of protected content and complete compatibility with today's AV components. Additional enhancements include the ability to transmit CEC (Consumer Electronics Control) signals from the control system to downstream devices via the ADMS-G2's HDMI connection.

Versatile Audio Outputs

In addition to HDMI, the ADMS-G2 also includes S/PDIF and stereo analog audio outputs for the theater zone, providing a simultaneous stereo downmix signal from both outputs in addition to the HDMI surround sound signal. Surround sound may also be output via S/PDIF in lieu of the HDMI audio output. Simultaneous S/PDIF and analog stereo signals are also provided for each of the two multiroom audio zones.

Control Your Way

ADMS-G2 lets you choose how you control it, with numerous options available. Right out of the box, the ADMS-G2's onscreen display is fully navigable using the optional wireless keyboard (KB-RFUSBKB-RFUSB®). Easily browse the media library, play any movie or music playlist, peruse the Internet TV guide, find streaming videos with WorldSearch, and surf the Internet, all using one compact keyboard remote.

Of course, the ADMS-G2 affords seamless integration with your [Crestron control system](#), unleashing a wide assortment of control options using Crestron [handheld remotes](#) and [touch screens](#), or even mobile devices like the [iPhone®](#), [iPad®](#), or [Android™](#). Its onscreen keyboard allows simple one-handed navigation using any Crestron remote. A wireless touch screen affords the ultimate in control, reproducing the ADMS-G2 onscreen experience within a beautiful color touch screen complete with cover art

and metadata. Adding touch screens throughout the house enables full access to your entire media collection from any room. Even video can be distributed to HD displays in any room using a Crestron [DigitalMedia™](#) system.^[5,6]

Integrated Home Control

The onscreen Crestron Home® user interface enables integrated control of lighting, climate, security, AV and other systems throughout the house, all through your HD display.^[5]

Ultimate Reliability & Support

To ensure continuous reliable operation, new features and security updates for the ADMS-G2 are validated by Crestron and distributed automatically through your broadband connection. The internal Crestron Watchdog constantly monitors the status of the ADMS-G2, automatically resetting the system in the event of any problem. Remote access allows your Crestron dealer to assess any issues and restore proper functionality without ever going on site.

Leaner and Greener

The ADMS-G2 saves energy and space, requiring less than half the power of its predecessor and measuring only 3-1/2 inches tall (2U 19" rack-mountable) and 15-1/2 inches deep. Wake-on-LAN capability allows the unit to be shut down manually or automatically via the control system to reduce power consumption when not in use.

The Bottom Line

The ADMS-G2 Intermedia Delivery System sets a new standard in home entertainment, reinventing the way you experience digital media. It moves people away from their computer screens to take fuller advantage of their high-definition displays and surround sound systems. It saves precious leisure time by streamlining the effort it takes to find and play content, making the world of digital media friendlier. It enhances the whole entertainment experience, finding more media of interest than you're likely to find by any other means. Simply stated, the ADMS-G2 makes life more fun and interesting!

SPECIFICATIONS

Storage & Disc Drives

Internal Hard Drive: 1TB SATA Hard Drive, 930GB available for media storage

External Storage Support: NAS, Windows® Home Server

Additional Media Support: USB^[7]

Embedded Applications

Integrated Web Browser w/Adobe® Flash® and Microsoft® Silverlight® plug-ins

Graphics Engine (for Home Control GUI)

24-bit non-palette graphics + 8-bit alpha channel transparency, 16.7 million colors, Synapse image rendering algorithm, multi-mode objects, DNav dynamic menu objects, dynamic graphics, PNG translucency, full-motion (60 fps) animation, transition effects

ADMS-G2 Intermedia Delivery System™

Communications

Ethernet: 10/100/1000 Mbps, auto-switching, auto-negotiating, auto-discovery, full/half duplex, DHCP; supports wake on LAN and shutdown

HDMI: EDID, CEC (pass-through from control system), HDCP

USB: USB 2.0 host ports for external mouse, keyboard, and USB mass storage devices^[7]

Video

Output Signal Type: HDMI®

Output Format: HDMI w/Deep Color & 3D, HDCP content protection support

Output Resolutions, Progressive: up to 1080p60

Output Resolutions, Interlaced: 1080i30

Video Formats: Windows Media® (WMV), MPEG (MPG), MPEG2 (MP2), MPEG4 (MP4), MTS, M2TS, ASF, AVI, DV, M4V, MKV, MOV, MPE

Video Codecs: H.264, Windows Media Video, MPEG1/2, and any codecs built into Windows including MJPEG, Microsoft Video 1, Cinepak, etc.

Audio

Output Signal Types, Theater Zone: HDMI, S/PDIF, stereo analog

Output Signal Types, Zones 1 & 2: S/PDIF, stereo analog

Output Formats, Theater Zone, HDMI: Dolby Digital®, Dolby Digital EX, Dolby Digital Plus, Dolby® TrueHD, DTS®, DTS-ES, DTS 96/24, DTS-HD® High Res, DTS-HD Master Audio™, Up to 8-Channel PCM

Output Formats, Theater Zone, SPDIF: Dolby Digital, Dolby Digital EX, DTS, DTS-ES, DTS 96/24, 2ch PCM

Output Formats, Theater Zone, analog: Stereo 2-Channel

Output Formats, Zones 1 & 2, SPDIF: 2-Channel PCM

Output Formats, Zones 1 & 2, analog: Stereo 2-Channel

D-A Conversion: Up to 24-bit 96kHz

Audio Formats, Decode: Windows Media (WMA, WMA-PRO, WMA Lossless), MP3, WAV, M4A, AAC, AIFF, FLAC

Performance (analog): Frequency Response: 20Hz to 20kHz ±0.3dB typical; S/N Ratio: >100dB at 1kHz A-weighted; THD+N: <0.01% at 1kHz typical; Channel Separation: 100dB at 1kHz typical

Photo

Image Formats: JPEG (JPG, JPE), BMP, GIF

Connectors

POWER RESET: (1) 2-pin 3.5mm detachable terminal block; Contact closure sensing input for remote system shutdown and restart

AUDIO OUTPUT, L/R 1 – 2: (4) RCA female comprising (2) unbalanced stereo line-level audio outputs from Zones 1 & 2;

Maximum Output Level: 2 Vrms;

Output Impedance: 100 Ohms

AUDIO OUTPUT, SPDIF 1 – 2: (2) RCA female comprising (2) S/PDIF coaxial digital audio outputs from Zones 1 & 2;

Output Impedance: 75 Ohms

THEATER, L/R: (2) RCA female;

Unbalanced stereo line-level audio output;

Outputs a stereo downmix of the Theater SPDIF or HDMI signal;

Maximum Output Level: 2 Vrms;

Output Impedance: 100 Ohms

THEATER, SPDIF: (1) RCA female;

S/PDIF coaxial digital audio output;

Outputs a stereo downmix if HDMI audio output is also active;

Outputs surround sound if HDMI audio output is not active;

Output Impedance: 75 Ohms

HDMI OUTPUT: (1) 19-pin Type A HDMI female;

HDMI digital video/audio output

USB: (4) USB Type A female, USB 2.0 Host ports

LAN: (1) 8-wire RJ45, female;

10/100/1000Base-T Ethernet port

100-240V~1.25A 50/60Hz: (1) IEC C14 male chassis plug;

Mates with removable power cord (included)

G: 6-32 screw, chassis ground lug

Controls & Indicators

Power: (1) Pushbutton with backlight LED indicator; powers up or shuts down the ADMS-G2

SETUP (rear): (1) miniature pushbutton & red LED, used for Ethernet auto-discovery and HDMI connection status

Power Requirements

Main Power: 1.25 Amps @ 100-240 Volts AC, 50/60 Hz

Uninterruptible power supply recommended, Crestron GEN-UPS1250^[6] or similar

Environmental

Temperature: 41° to 104°F (5° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 500 BTU/Hr maximum, 250 BTU/Hr typical

Enclosure

Chassis: Metal with black finish, vented sides and rear exhaust fan, silent variable-speed fan-cooled

Front Panel: Metal, black with polycarbonate label overlay

Mounting: Freestanding or 2U 19-inch rack-mountable (removable feet and rack ears included)

Dimensions

Height: 3.47 in (89 mm) without feet

Width: 17.28 in (439 mm);

19.00 in (483 mm) with ears

Depth: 15.50 in (394 mm)

ADMS-G2 Intermedia Delivery System™

Weight

11.8 lb (5.4 kg)

MODELS & ACCESSORIES

Available Models

ADMS-G2: Intermedia Delivery System™ (2nd generation)

Available Accessories

CEN-UPS1250: Uninterruptible Power Supply, 1250W, 120V.

KB-RFUSB-B: Wireless Keyboard for ADMS, Black

Notes:

1. Some new features will also be available for the original ADMS and ADMS-BR models via a firmware update. Contact your Crestron representative for complete details.
2. Accessing Hulu Plus content requires an active Hulu Plus account. See www.hulu.com for details.
3. Accessing Netflix content requires an active Netflix Watch Instantly account. See www.netflix.com for details.
4. Accessing VUDU content requires an active VUDU account. See www.vudu.com for details.
5. Requires a Crestron control system plus additional equipment and programming by an authorized Crestron dealer, sold separately.
6. Item(s) sold separately.
7. NAS is the recommended external file storage solution for the ADMS-G2. USB should only be used for file transfer and backup.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

Specifications subject to change without notice. Crestron is not responsible for errors in typography or photography.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

ADMS Connect, Crestron, Crestron Home, DigitalMedia, Intermedia Delivery, Intermedia Delivery System, Sonnex, The World is Your Server, WorldSearch, and the Crestron logo are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. Adobe and Flash are either trademarks or registered trademarks of Adobe Systems Incorporated in the United States and/or other countries. iPad, iPhone, iTunes, iTunes Plus, and Mac are either trademarks or registered trademarks of Apple Inc. in the United States and/or other countries. CNN is either a trademark or registered trademark of Cable News Network LP, LLLP in the United States and/or other countries. Dolby, Dolby Digital, and the double-D symbol are either trademarks or registered trademarks of Dolby Laboratories in the United States and/or other countries. DTS, DTS-HD, DT-HD Master Audio, and the DTS logos and Symbol are either trademarks or registered trademarks of DTS, Inc in the United States and/or other countries. ESPN is either a trademark or registered trademark of ESPN, Inc. in the United States and/or other countries. Facebook is either a trademark or registered trademark of Facebook, Inc. in the United States and/or other countries. Android and YouTube are either trademarks or registered trademarks of Google Inc. in the United States and/or other countries. HDMI, High-Definition Multimedia Interface, and the HDMI Logo are either trademarks or registered trademarks of HDMI Licensing LLC in the United States and/or other countries. Hulu is either a trademark or registered trademark of Hulu, LLC in the United States and/or other countries. Metacafe is either a trademark or registered trademark of Metacafe Inc. in the United States and/or other countries. Microsoft, Silverlight, Windows, and Windows Media are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. NBA is either a trademark or registered trademark of NBA Properties, Inc. in the United States and/or other countries. Netflix is either a trademark or registered trademark of Netflix, Inc. in the United States and/or other countries. NFL is either a trademark or registered trademark of National Football League in the United States and/or other countries. Pandora and the Pandora logo are either trademarks or registered trademarks of Pandora Media, Inc. in the United States and/or other countries. Twitter is either a trademark or registered trademark of Twitter, Inc. in the United States and other countries. Vimeo is either a trademark or registered trademark of Vimeo, LLC in the United States and/or other countries. VUDU is either a trademark or registered trademark of VUDU, Inc. in the United States and/or other countries. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. ©2012 Crestron Electronics, Inc.

ADMS-G2 Intermedia Delivery System™

