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AirMedia™ Presentation Gateway

- > Enables wireless presentation of HD content using laptops, tablets, and smartphones
- > Low cost, easy to use, and easy to deploy across any number of rooms
- > Compatible with Windows®, OS X®, Apple® iOS®, and Android™
- > Displays up to four presentation sources at once in Quad View
- > Integrates with DigitalMedia™, CaptureLiveHD™, Crestron RL™ and other systems
- > Customizable welcome screen provides clear instructions for presenters
- > Integrates seamlessly with Crestron Connected™ displays^[2]
- > Compatible with virtually any display device^[2]
- > Supports Full HD 1080p and UXGA display resolutions
- > Provides HDMI®, VGA, and analog audio outputs
- > Choice of connection methods accommodates all types of users and organizations
- > Supports up to 32 simultaneous presenter connections
- > Remote View allows viewing and saving of presentation images through a Web browser
- > Compact form factor fits easily behind flat panels and above projectors
- > Leverages existing wired and wireless network infrastructure^[1]

With AirMedia™ anyone can walk into a room and wirelessly present PowerPoint®, Excel®, Word and PDF documents, as well as photos, on the room display from their personal iOS® or Android™ mobile device. MacBook® and PC laptops can be connected seamlessly as well, making presentations from most any device fast and easy. There are no wires to hook up, no complicated settings to configure, and no AV or control system is required. Simply connect via the local Wi-Fi® network and start sharing content from your portable device.^[1]

Present Anything — Without Wires

Bring your own device to a meeting or collaboration session and share your content through the big screen without hooking up any wires. AirMedia supports Windows® and OS X® computers, as well as Apple® iOS and Android mobile devices. Presenters using a Mac® or PC can connect to AirMedia without any special software installed, while iPad® and other mobile device users need only download the free AirMedia app from the iTunes® App Store or Google Play™.

Leverage the Power of Your PC or Mac®

When using a PC or Mac with AirMedia your entire desktop is shared. Anything you see on your desktop will be sent to the display. Give a presentation or collaborate on a project ... AirMedia will share anything. You can even share dynamic content such as videos, supporting frame rates of 15 fps and beyond.^[1]

Present Using Your Mobile Device

AirMedia can present Microsoft® Office documents (PowerPoint, Word, Excel), as well as PDFs and photos, from a smartphone or tablet device. Open the document in AirMedia and it is shared on the room display. Deliver dynamic and interactive presentations by simply paging through



as you would any other application. There's no more being tied to a laptop or podium. You can even share your apps using the "Shot&Show" feature. Simply take a screen shot and AirMedia will show it.

Multi-User Support

Imagine 32 devices all connected and ready to share, but instead of a clutter of cables entangled across the tabletop or floor, there are just people and their Wi-Fi enabled devices. AirMedia lets up to 32 users connect at once, switching from one device to the next for seamless collaboration on the fly.

Quad View

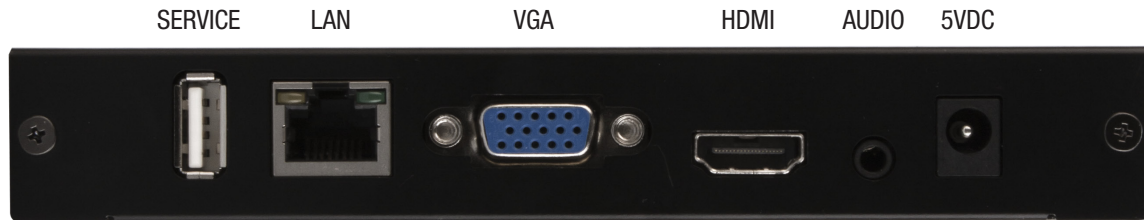
Using Quad View mode, up to four sources can be displayed simultaneously, enabling users to compare and contrast different content on screen at once without having to toggle back and forth.

Play, Pause, Stop

Presenting with AirMedia is simple using intuitive Play, Pause, and Stop buttons that appear right on your device's screen. Clicking the Play button selects your device as the presentation source, sending whatever is on your screen to the room display. When done presenting, just click the Stop button to stop displaying your device.

While presenting, it is often necessary to navigate away from your presentation to find some other related content. AirMedia lets you pause the presentation, freezing the current image on screen so others can

AM-100 AirMedia™ Presentation Gateway



AM-100 – Rear View

continue to view it while you look through your personal files and emails. Once you've located the new content and brought it up on your device, simply click Play to resume the presentation.

Remote Viewing

The onscreen presentation is only part of the AirMedia experience. Using Remote View mode, participants and spectators can view the presentation through their own Web browsers. Remote View displays the presentation as static images, which can be refreshed on demand or set to refresh automatically every few seconds. Users can even save images of the presentation to their personal device for later review.

Connection Methods

To accommodate a full range of presentation environments, users, and IT preferences, AirMedia offers several ways for a presenter to connect:

- **Installed Application** — This option installs a small software application directly onto each presentation device. The installed application affords the highest performance and allows users to scan the local network for AirMedia gateways, connecting automatically if only one gateway is found, or displaying a list of gateways to choose from when multiple gateways are found. Alternately, a preset list of gateways can be deployed, eliminating the need to scan the network. Each gateway is clearly identified by its room name or some other friendly term. The Installed App method allows organizations to manage user rights, and includes the option to assign PIN codes to each individual gateway.
- **Web Browser** — Great for guest presenters, this option requires nothing to be pre-installed. Presenters simply follow the instructions displayed on the room display to point their Web browsers to the Web address of the local AirMedia gateway. A small utility runs on the presenter's computer, allowing the presentation to begin without hassle. As an option, the presenter may choose to download the utility software, allowing them to connect directly to that same gateway in the future without using the Web browser.
- **USB Thumb Drive** — As an alternative to using the Web browser method, the utility software may be loaded on a USB thumb drive providing a hardware dongle that simply plugs into the presenter's computer.

Crestron Connected™ Display Control

Pairing AirMedia with a Crestron Connected projector or flat-panel display offers a seamless presentation solution. The AirMedia gateway communicates directly over the network with the display device, turning it on when a user connects, and shutting it down after the last user disconnects. Controls are also provided for turning the display on and off manually.^[2]

For more information about Crestron Connected products, please visit www.crestron.com/products/crestron_connected/.

Easy Installation

At just over an inch thick, the compact AirMedia gateway device fits easily above a projector or behind a flat panel display. A surface mounting bracket is included for attachment to a wall or ceiling, with HDMI® and VGA/analog audio outputs provided for connection to the display device. AirMedia connects to existing Ethernet infrastructure and takes advantage of your organization's Wi-Fi network, affording an optimal wireless interface for laptops and mobile devices.

System Integration

AirMedia isn't limited to small, single-display applications. It can be used with DigitalMedia™, CaptureLiveHD™, Crestron RL™ and other AV systems to provide a wireless option alongside DM®, HDMI, and other interfaces. AirMedia can also be controlled and monitored as part of a complete Crestron control system using a touch screen, wireless remote, mobile device or Crestron Fusion® Enterprise Management Software.

Customizable Welcome Screen

To facilitate a user-friendly experience, AirMedia provides a customizable home screen that appears on the room display to welcome meeting participants as they enter the room. The welcome screen can display the company logo and room name along with easy to follow instructions, enabling presenters to connect their devices and start presenting quickly for maximum productivity.

AM-100 AirMedia™ Presentation Gateway

SPECIFICATIONS

Features

Users: Supports up to 32 users (presentation device connections)

Quad View: Allows simultaneous display of up to four presentation sources in a quad window

Remote View: Allows up to 40 remote users to connect via a Web browser to view and save images of the presentation

Display Control: Controls the display device over IP as part of the presentation ^[2]

Control System Integration: Allows communication over IP with a Crestron® Control System for remote control and integration with other equipment and Crestron Fusion® software

Windows® and OS X® Client Software

OS Support: Windows® XP, Vista, 7, or 8; Mac® OS X® (versions 10.5 thru 10.8)

Video Frame Rate: 15 fps (typical), audio supported

Mobile Apps

OS Support: Apple® iOS®, Android™

Supported Files: MS PowerPoint® (.ppt, .pptx), MS Word (.doc, .docx), MS Excel® (.xls, .xlsx), PDF (.pdf), JPEG (.jpg, .jpeg)

Shot&Show: Shares a static image of any app by using the screen shot function

Video

Output Signal Types: HDMI®, RGB

Output Formats: HDMI, DVI^[3], HD video up to 1080p60, computer up to UXGA

Output Resolutions, Progressive: 800x600@60Hz, 1024x768@60Hz, 1280x720@60Hz (720p60), 1280x768@60Hz, 1280x800@60Hz, 1360x768@60Hz, 1440x900@60Hz, 1600x1200@60Hz, 1920x1080@60Hz (1080p60)

Output Resolutions, Interlaced: 1920x1080@30Hz (1080i30)

Underscan: Up to 7.5%

Audio

Output Signal Types: HDMI, analog stereo

Formats, HDMI: PCM 2-channel

Formats, Analog: Stereo 2-channel

Communications

Ethernet: 10/100 Mbps, auto-switching, auto-negotiating, full/half duplex, DHCP, Web server

Connectors

5VDC 2.6A: (1) 2.0 x 3.0 mm DC power connector, 5 Volt DC power input, Universal power pack included

AUDIO: (1) 3.5mm TRS mini phone jack, unbalanced stereo line-level audio output

HDMI: (1) 19-pin Type A HDMI female, HDMI digital video/audio output, Also supports DVI^[3]

VGA: (1) DB15HD female, RGBHV (VGA) video output

LAN: (1) 8-wire RJ45, female; 10Base-T/100Base-TX Ethernet port

SERVICE: (1) USB Type A female, for factory use only

Indicators

PWR: (1) dual-color LED, red indicates booting, flashing red indicates updating firmware, green indicates operating normally

LAN (rear): (2) LEDs, green LED indicates Ethernet link status, amber LED indicates Ethernet activity

Power Requirements

Power Pack: 2.6 Amps @ 5 Volts DC;

0.3 Amps (maximum) @ 100-240 Volts AC, 50/60 Hz power pack included

Environmental

Temperature: 32° to 104°F (0° to 40°C)

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

Heat Dissipation: 16 BTU/hr

Enclosure

Chassis: Metal, black

Mounting: Freestanding or surface mount (surface mount bracket included)

Dimensions

Height: 1.10 in (28 mm);

1.21 in (31 mm) with bracket

Width: 6.15 in (156 mm)

Depth: 2.39 in (61 mm)

Weight

8.4 oz (238 g)

MODELS & ACCESSORIES

Available Models

AM-100: AirMedia™ Presentation Gateway

Available Accessories

CBL-Series: Crestron® Certified Interface Cables

AM-100 AirMedia™ Presentation Gateway

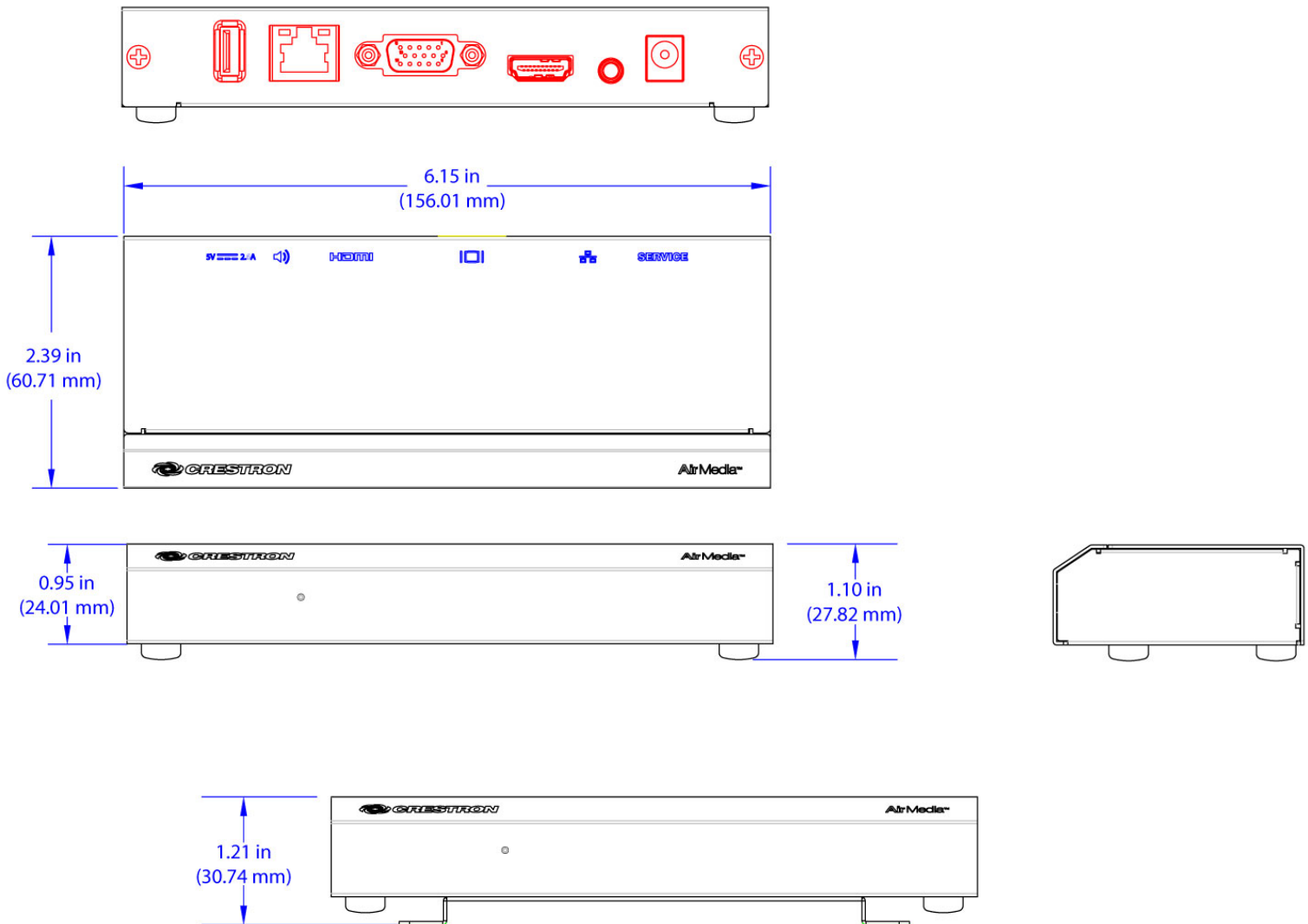
Notes:

1. Wired Ethernet connection is also supported. Performance quality for presentation of full-motion video content is dependent upon the performance of the network and presentation device.
2. Use of a “Crestron Connected™” display device enables direct control over IP. Other display devices may be controlled by adding a Crestron control system with custom programming. Visit www.crestron.com/products/crestron_connected/ for more information about Crestron Connected products.
3. HDMI requires an appropriate adapter or interface cable to accommodate a DVI signal. [CBL-HD-DVI](#) interface cables available separately.

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.

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

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Shown with surface mount bracket attached

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