

Crestron **AM-100**
AirMedia™ Presentation Gateway

Operations Guide



Regulatory Compliance

As of the date of manufacture, the AM-100 has been tested and found to comply with specifications for CE marking.



Federal Communications Commission (FCC) Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions:

(1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Industry Canada (IC) Compliance Statement

CAN ICES-3(B)/NMB-3(B)

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Product warranty can be found at www.crestron.com/warranty.

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

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This document was written by the Technical Publications department at Crestron.
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AirMedia™ Presentation Gateway: AM-100

Setup

Supplied Hardware

A wall-mount bracket is included to mount the AM-100 to a surface. The hardware supplied with the AM-100 is listed in the following table.

Supplied Hardware for the AM-100

DESCRIPTION	QUANTITY
Bracket	1
Screw	2
Washer	2

Installation

Ventilation

The AM-100 should be used in a well-ventilated area.

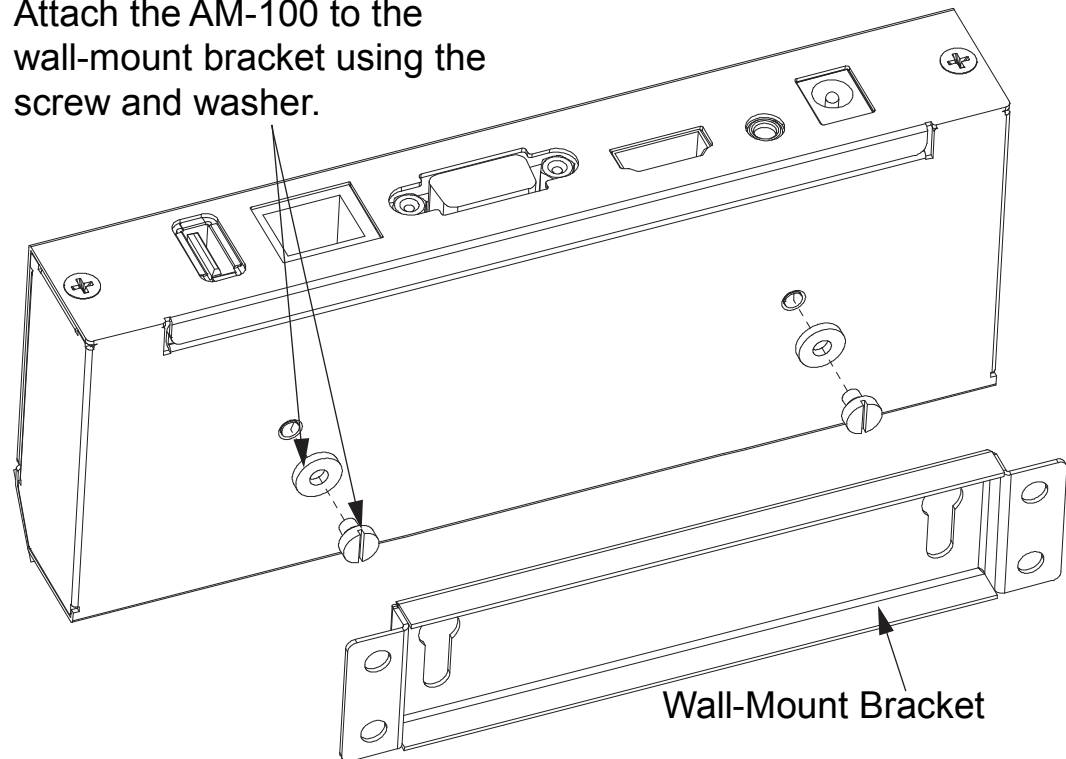
To prevent overheating, do not operate this product in an area that exceeds the environmental temperature range for this product. Consider using forced air ventilation to reduce overheating. Consideration must be given if installed in a closed or multi-unit rack assembly since the operating ambient temperature of the environment may be greater than the room ambient temperature. Contact with thermal insulating materials should be avoided on all sides of the unit.

**Wall
Mounting**

The AM-100 can be mounted using the included wall-mount bracket. Refer to the following illustration for installation instructions.

Attach the Wall-Mount Bracket

Attach the AM-100 to the wall-mount bracket using the screw and washer.



Configuration

Make all connections as described in AM-100 Quickstart (Doc. 7464) at www.crestron.com/manuals. The connected display device shows the AM-100 welcome screen.

AM-100 Welcome Screen

Address: <http://AirMedia-0cb651> (192.168.0.196)

Code: 5918

Find Address
Here 



To begin your presentation

enter the address at the top of this screen
into your web browser.

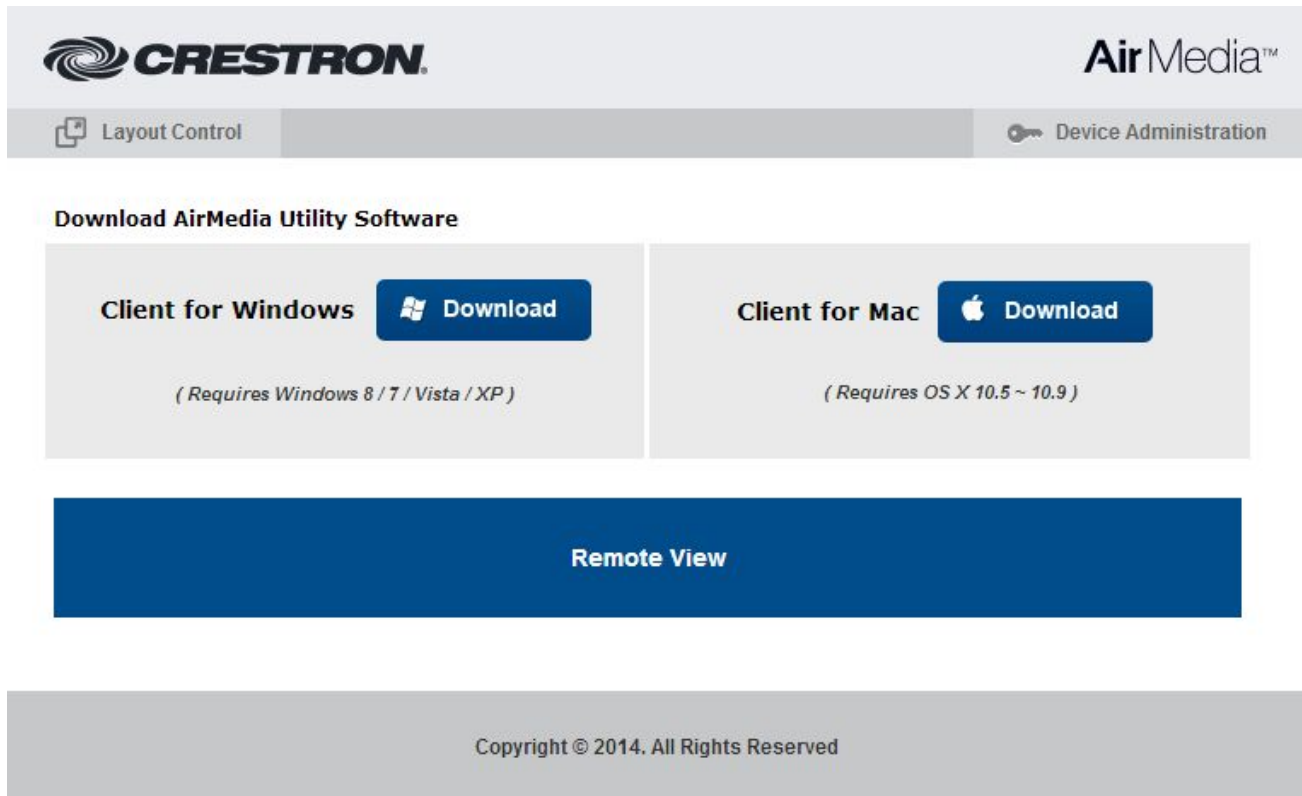
For mobile devices, download the free Crestron
AirMedia App from the App Store™ or Google Play™



1. On the computer, open a web browser and navigate to the web address or the IP address that is displayed on top left of the AM-100 welcome screen. The download screen is displayed.

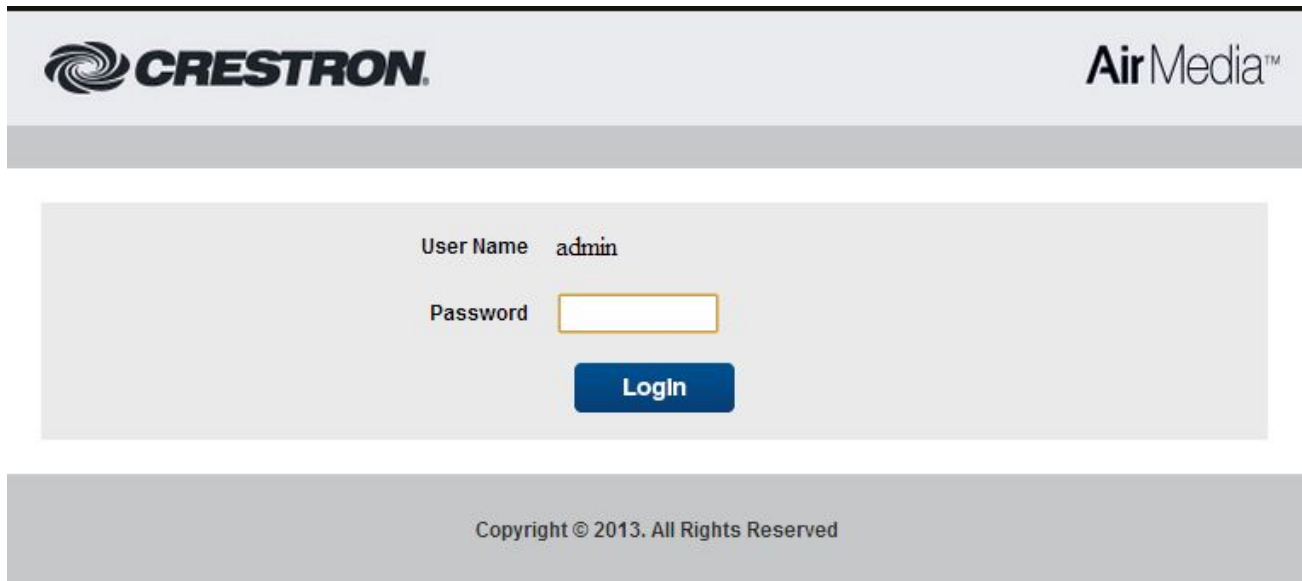
NOTE: By default, the AM-100 displays the IP address in parentheses to assist in the configuration of the device. The IP address can be hidden so that the end user only sees a friendly URL (i.e., <http://AirMedia-019647>). For details, refer to “OSD Setup” on page 12.

Download Screen



2. Click **Device Administration**. The admin login screen is displayed.

NOTE: Prior to displaying the admin login screen, the web browser displays a security warning message about the security certificate. It is safe to ignore this warning as long as the user verifies that the browser's address bar indicates the correct IP address or hostname.

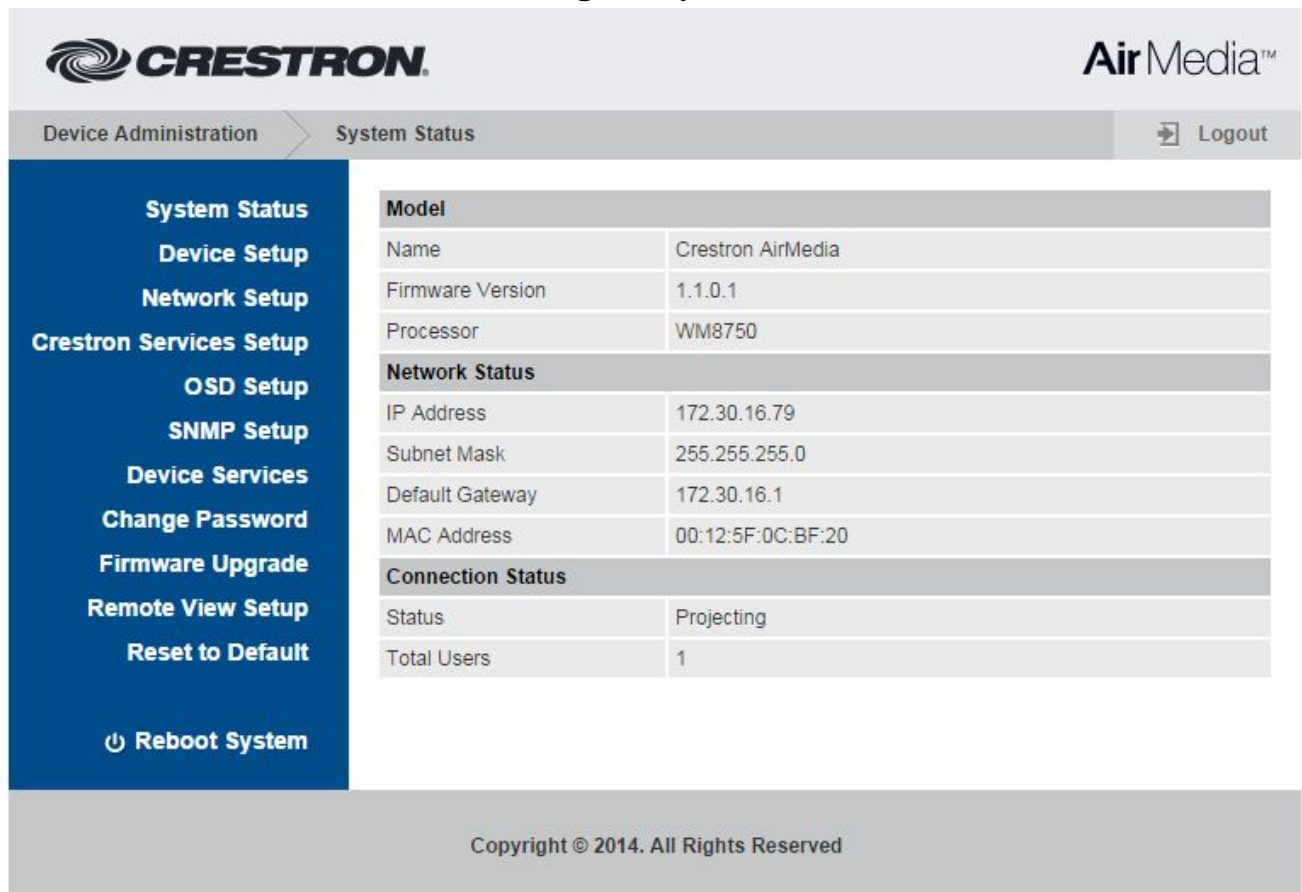
Admin Login Screen


The Admin Login Screen features the Crestron logo on the left and the AirMedia logo on the right. The main content area contains a login form with the following fields and elements:

- User Name:
- Password:
- Login button: A blue button labeled "Login".

At the bottom of the screen, there is a copyright notice: "Copyright © 2013. All Rights Reserved".

- Enter the admin password (the default password is “admin”) and click **Login**. The **Device Administration** menu showing the **System Status** screen is displayed.

Device Administration Menu Showing the System Status Screen


The Device Administration Menu shows the System Status screen. The top navigation bar includes "Device Administration" (selected), "System Status", and "Logout". The left sidebar contains the following menu items:

- System Status
- Device Setup
- Network Setup
- Crestron Services Setup
- OSD Setup
- SNMP Setup
- Device Services
- Change Password
- Firmware Upgrade
- Remote View Setup
- Reset to Default
- Reboot System

The main content area displays the System Status information in a table format:

Model	
Name	Crestron AirMedia
Firmware Version	1.1.0.1
Processor	WM8750
Network Status	
IP Address	172.30.16.79
Subnet Mask	255.255.255.0
Default Gateway	172.30.16.1
MAC Address	00:12:5F:0C:BF:20
Connection Status	
Status	Projecting
Total Users	1

At the bottom of the screen, there is a copyright notice: "Copyright © 2014. All Rights Reserved".

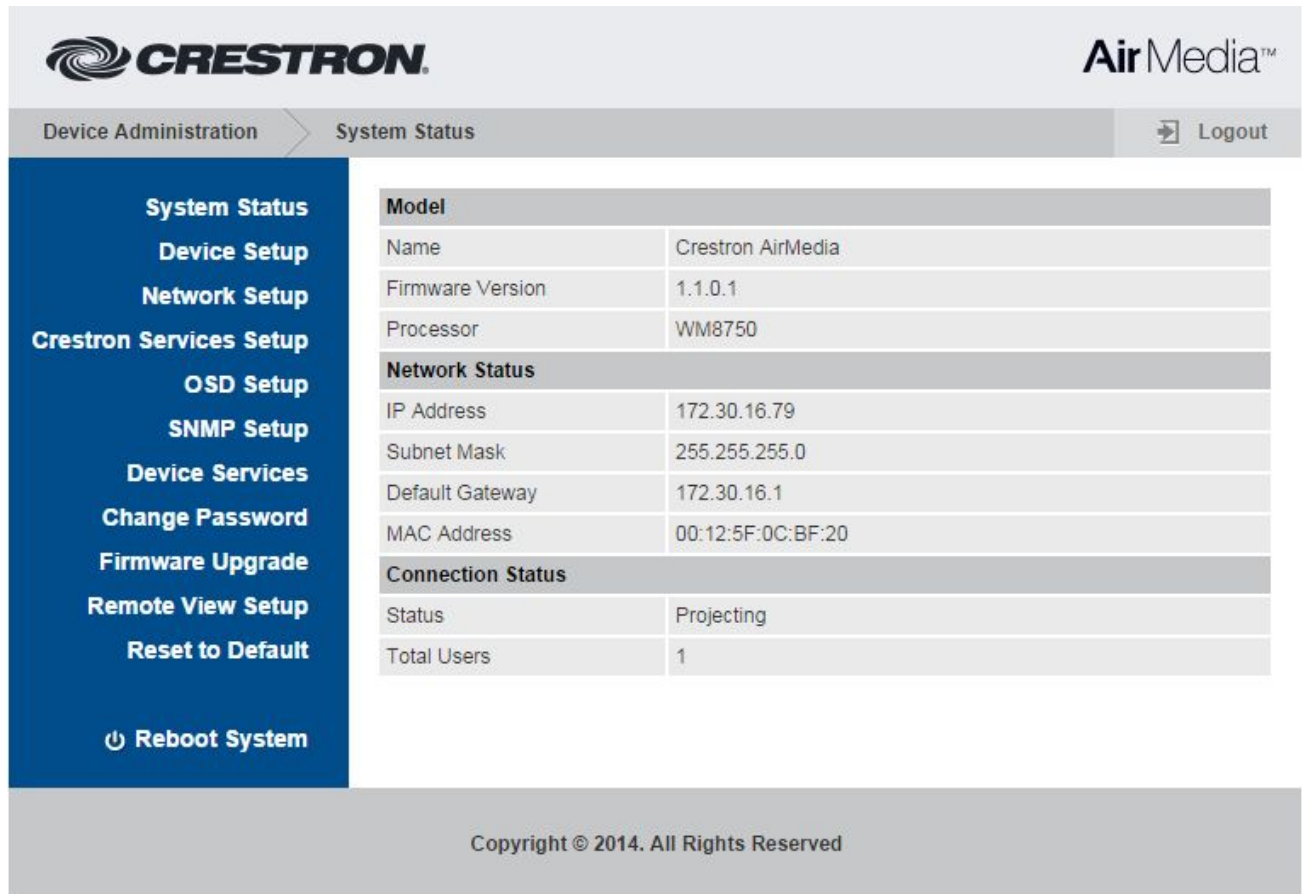
NOTE: Changes made in any section of the **Device Administration** menu require that the AM-100 be rebooted for the settings to take effect. For details, refer to “Reboot System” on page 20 for details.

The **Device Administration** menu is divided into 12 sections:

- **System Status** displays the operational status of the AM-100.
- **Device Setup** sets the AM-100’s output resolution, under scan setting, and access code.
- **Network Setup** sets the AM-100’s parameters for operating in a network environment.
- **Crestron Services Setup** sets the AM-100’s parameters for operating in a Crestron[®] network environment.
- **OSD Setup** configures the AM-100’s on-screen display.
- **SNMP Setup** configures the AM-100 to use the Simple Network Management Protocol (SNMP).
- **Device Services** enables and disables remote viewing, SNMP, and other features.
- **Change Password** is used to change the admin password.
- **Firmware Upgrade** is used to import or export the system configuration to match other AM-100 devices and upgrade the AM-100’s firmware.
- **Remote View Setup** specifies the auto-refresh interval.
- **Reset to Default** resets the AM-100 to the default settings.
- **Reboot System** reboots the AM-100.

System Status

Click **System Status** to display the operational status of the AM-100.

Device Administration Menu Showing the System Status Screen


The screenshot shows the Crestron AirMedia web interface. At the top, there is a header with the Crestron logo on the left and the AirMedia logo on the right. Below the header, there is a navigation bar with 'Device Administration' and 'System Status' tabs, and a 'Logout' button. The main content area is divided into a left sidebar and a main table. The sidebar contains a list of menu items: System Status, Device Setup, Network Setup, Crestron Services Setup, OSD Setup, SNMP Setup, Device Services, Change Password, Firmware Upgrade, Remote View Setup, Reset to Default, and Reboot System. The main table displays the following information:

Model	
Name	Crestron AirMedia
Firmware Version	1.1.0.1
Processor	WM8750
Network Status	
IP Address	172.30.16.79
Subnet Mask	255.255.255.0
Default Gateway	172.30.16.1
MAC Address	00:12:5F:0C:BF:20
Connection Status	
Status	Projecting
Total Users	1

At the bottom of the page, there is a copyright notice: Copyright © 2014. All Rights Reserved.

The **System Status** screen displays the device's name (hostname), firmware version, network status (IP address, subnet mask, default gateway, and MAC address), and connection status.

Device Setup

Click **Device Setup** to configure the output resolution, under scan setting, and access code.

Device Administration Menu Showing the Device Setup Screen

The screenshot displays the Crestron AirMedia web interface. At the top, the Crestron logo is on the left and 'AirMedia™' is on the right. Below the logo, there are two tabs: 'Device Administration' and 'Device Setup', with 'Device Setup' being the active tab. A 'Logout' button is located in the top right corner. On the left side, there is a vertical navigation menu with the following items: System Status, Device Setup (highlighted), Network Setup, Crestron Services Setup, OSD Setup, SNMP Setup, Device Services, Change Password, Firmware Upgrade, Remote View Setup, Reset to Default, and Reboot System. The main content area shows the 'Device Setup' configuration page. It has a table-like structure with the following sections:

LoginCode Setup	Code	<input type="radio"/> Disabled <input checked="" type="radio"/> Random <input type="radio"/> Use the following code <input type="text"/> (0-9) <input type="button" value="Set"/>
Device Setup	Output Resolution	1280 x 720 (720p) ▼
	Under Scan	<input checked="" type="radio"/> 0% <input type="radio"/> 2.5% <input type="radio"/> 5% <input type="radio"/> 7.5%

At the bottom right of the configuration area, there are 'Apply' and 'Cancel' buttons. At the bottom of the page, there is a copyright notice: 'Copyright © 2014. All Rights Reserved'.

Code

A code can be used to limit access to the AM-100. The code feature can be disabled, randomly generated, or fixed to a specific value.

To specify how the access code is used, select one of the following options from the **Code** section:

- **Disabled** allows any user with the AM-100's IP address or hostname to open a client connection without entering an access code.
- **Random** sets the AM-100 to randomly generate an access code. A new code is generated when the last connected presenter disconnects from the AM-100. The access code is displayed on the top right of the AM-100 welcome screen as shown on page 3.
- **Use the following code** sets the AM-100 to display a user-specified, four-digit access code. The access code is displayed on the top right of the AM-100 welcome screen as shown on page 3.

To apply any changes, click **Apply**. To cancel, click **Cancel**.

Output Resolution

To set or adjust the output resolution, select a resolution setting from the **Output Resolution** drop-down menu.

To apply any changes, click **Apply**. To cancel, click **Cancel**.

Under Scan

To set or adjust the amount of under scan applied to the displayed image, select an amount.

To apply any changes, click **Apply**. To cancel, click **Cancel**.

Network Setup

Click **Network Setup** to configure the AM-100's parameters for operating in a network environment.

Device Administration Menu Showing the Network Setup Screen

The screenshot displays the Crestron AirMedia Network Setup interface. At the top, the Crestron logo and 'AirMedia™' are visible. Below the header, there are navigation tabs for 'Device Administration' and 'Network Setup', along with a 'Logout' button. A blue sidebar on the left contains a menu with the following items: System Status, Device Setup, Network Setup (highlighted), Crestron Services Setup, OSD Setup, SNMP Setup, Device Services, Change Password, Firmware Upgrade, Remote View Setup, Reset to Default, and Reboot System. The main content area is divided into two sections: 'Host Name and Domain Name' and 'IP Setup'. The 'Host Name and Domain Name' section includes a 'Host Name' field with the value 'AirMedia-0cb651' and an empty 'Domain Name' field. A note below these fields states: 'Note: For maximum compatibility, host names 15 characters or fewer are recommended. Maximum host name length is 32 characters. Allowed characters: [0-9], [A-Z], [a-z], [-].'. The 'IP Setup' section features radio buttons for 'Obtain an IP address automatically' (selected) and 'Use the following IP address'. Below this are four rows of IP address input fields: IP Address (192, 168, 100, 10), Subnet Mask (255, 255, 255, 0), Default Gateway (192, 168, 100, 10), and DNS Server (192, 168, 100, 10). At the bottom right of the form are 'Apply' and 'Cancel' buttons. A footer at the bottom of the page reads 'Copyright © 2014. All Rights Reserved'.

Hostname and Domain Name

Use a hostname and domain name as an alternative to IP addressing when connecting client computers to the AM-100.

NOTE: When specifying a hostname, Crestron recommends using a hostname that is less than 15 characters.

NOTE: To use a hostname, the AM-100's **IP Setup** must be set to **Obtain an IP address automatically** or, if using a static IP address, the domain name must be specified in the **Domain Name** field.

To use a hostname, enter a hostname (less than 15 characters) in the **Hostname** field.

A domain name can also be entered in the **Domain Name** field.

To apply any changes, click **Apply**. To cancel, click **Cancel**.

IP Setup

In the **IP Setup** section, the IP address, subnet mask, default gateway, and DNS server of the AM-100 can be set. The settings can be set manually or obtained from a DHCP server.

To use a DHCP server to provide the IP address, subnet mask, default gateway, and DNS server, select **Obtain an IP address automatically**. Otherwise, select **Use the following IP address** and enter the Ethernet parameters.

To apply any changes, click **Apply**. To cancel, click **Cancel**.

Crestron Services Setup

Click **Crestron Services Setup** to configure the AM-100 for operation in a Crestron network environment.

Device Administration Menu Showing the Crestron Services Setup Screen

Device Administration > Crestron Services Setup Logout

System Status
Device Setup
Network Setup
Crestron Services Setup
OSD Setup
SNMP Setup
Device Services
Change Password
Firmware Upgrade
Remote View Setup
Reset to Default
Reboot System

Crestron Control System	IP Address or Hostname	<input type="text"/>
	IP ID	1A ▼
	Port	41794
	Communication Status	Offline
Crestron Connected™ Device	IP Address or Hostname	<input type="text"/>
	Communication Status	Offline
	CurrentSource	None
	Source	None ▼ <input type="button" value="Set"/>
	Automatic Power On	<input checked="" type="radio"/> Immediately <input type="radio"/> After Code Entry
	Power Off Time Out	0 minutes <input type="button" value="Set"/>
	Power Control	<input type="button" value="Power On"/> <input type="button" value="Power Off"/>
	Power Status	Unknown
	Lamp Hours	0 hours
	Device Status	No Error

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Crestron Control System

The **Crestron Control System** section specifies the control system controlling the AM-100.

- **IP Address or Hostname** is the IP address or hostname of the Crestron control system. Enter the IP address of hostname of the Crestron control system and click **Apply**.
- **IP ID** identifies the AM-100 in the control system's program. Select the AM-100's IP ID from the drop-down menu and click **Apply**.

- **Port** is the port number used to communicate with the control system.
- **Communication Status** indicates the status of the communication link between the control system and the AM-100.

To apply any changes, click **Apply**. To cancel, click **Cancel**.

Crestron Connected Device

The **Crestron Connected Device** section specifies the Crestron Connected™ display device that is connected to the AM-100. Once specified, basic status information and controls are displayed.

To specify the Crestron Connected device, enter the IP address or hostname of the Crestron Connected device.

To apply changes to the **Source** and **Power Off Time Out** settings, click **Set**.

To apply any other changes, click **Apply**. To cancel, click **Cancel**.

NOTE: The **Apply** button does not affect changes made to the **Source** and **Power Off Time Out** settings.

OSD Setup

Click **OSD Setup** to specify a logo image to display and to display or hide the AM-100's IP address.

Device Administration Menu Showing the OSD Setup Screen

The **OSD Setup** screen displays the file name of the logo in use. The screen also allows the administrator to restore the default logo image, select and upload a new logo file, and show or hide the AM-100's IP address in the AM-100 welcome screen.

- **Logo Image** displays the file name of the logo image. If the default logo image is used, "Default" is displayed.
- **Restore to default** reverts to the default logo image.
- **Choose File** and **Image File Upload** select and upload a logo image. Click **Choose File** to select the file and click **Image File Upload** to upload the selected file.

When choosing a file, follow these guidelines:

- ⇒ Use logo images in JPEG format.
- ⇒ Do not exceed a file size of 510 kB.

⇒ For a given native display resolution, use the following table to create a properly sized logo.

Native Display Resolution and Logo Image Size

Native Display Resolution	Logo Image Size
800 x 600	800 x 500
1280 x 720	1280 x 600
1024 x 768	1024 x 640
1360 x 768	1360 x 640
1280 x 800	1280 x 667
1400 x 900	1400 x 750
1920 x 1080	1920 x 900
1600 x 1200	1600 x 1000

- **Display Option** displays or hides the IP address and access code on the AM-100 welcome screen.
 - ⇒ To display the IP address, select **On** and click **Apply**. To hide the IP address, select **Off** and click **Apply**.
 - ⇒ To display the access code, select **On** and click **Apply**. To hide the access code, select **Off** and click **Apply**.

To apply any changes, click **Apply**. To cancel, click **Cancel**.

SNMP Setup

Click **SNMP Setup** to configure the AM-100 to use SNMP.

Device Administration Menu Showing the SNMP Setup Screen

The screenshot displays the Crestron AirMedia web interface for SNMP configuration. The left-hand navigation menu includes options such as System Status, Device Setup, Network Setup, Crestron Services Setup, OSD Setup, SNMP Setup (highlighted), Device Services, Change Password, Firmware Upgrade, Remote View Setup, Reset to Default, and Reboot System. The main content area is titled 'SNMP Setup' and features a form with the following fields:

Version	2c ▼
Manager IP	<input type="text"/>
Public Community	public
Private Community	private
Username	crestron
Authentication Protocol	MD5 ▼
Authentication Password	<input type="password"/> <input checked="" type="checkbox"/> Hide characters
Privacy Protocol	DES ▼
Privacy Password	<input type="password"/> <input checked="" type="checkbox"/> Hide characters

At the bottom right of the form are 'Apply' and 'Cancel' buttons. The footer of the page reads 'Copyright © 2014. All Rights Reserved'.

- The AM-100 supports SNMP versions 1, 2c, and 3. Select the version from the **Version** drop-down menu.
- The AM-100 uses an IP filter for SNMP connections. When an IP address is specified in the **Manager IP** field, the device only accepts an SNMP request from that IP address. If the field is blank, the SNMP request is honored from any IP address.
- If using SNMP version 3, a user name, authentication protocol, authentication password, privacy protocol, and privacy password must also be specified.

The default settings are as follows: **Version** is set to **2c**, **Public Community** is set to **public**, and **Private Community** is set to **private**.

To apply any changes, click **Apply**. To cancel, click **Cancel**.

Device Services

Click **Device Services** to enable and disable remote viewing, SNMP, and other features.

Device Administration Menu Showing the Device Services Screen

The screenshot shows the Crestron AirMedia Device Administration interface. The top navigation bar includes the Crestron logo and 'AirMedia™'. Below the navigation bar, there are tabs for 'Device Administration' and 'Device Services', with 'Device Services' being the active tab. A 'Logout' button is visible in the top right corner. On the left side, there is a vertical navigation menu with the following options: System Status, Device Setup, Network Setup, Crestron Services Setup, OSD Setup, SNMP Setup, Device Services (highlighted), Change Password, Firmware Upgrade, Remote View Setup, Reset to Default, and Reboot System. The main content area is titled 'Server Setup' and contains a table with the following rows:

Server Setup	Web Server	<input checked="" type="radio"/> Enable <input type="radio"/> Disabled
	Remote View	<input checked="" type="radio"/> Enable <input type="radio"/> Disabled
	SNMP	<input checked="" type="radio"/> Enable <input type="radio"/> Disabled
	Crestron Services	<input checked="" type="radio"/> Enable <input type="radio"/> Disabled
	Layout Control	<input checked="" type="radio"/> Enable <input type="radio"/> Disabled
	Administration Pages	<input checked="" type="radio"/> Enable <input type="radio"/> Disabled

At the bottom right of the table, there are 'Apply' and 'Cancel' buttons. The footer of the interface contains the text: 'Copyright © 2014. All Rights Reserved'.

In **Server Setup**, select **Enable** or **Disabled** for each service.

NOTE: Disabling the administration pages prevents access to the AM-100's configuration screens. These pages can still be enabled by SNMP or the control system connection. However, if SNMP and Crestron Services are disabled as well, the AM-100 must be restored to the original factory settings to gain access to the configuration screens. For details, refer to "Hardware Reset" on page 31.

Change Password

Click **Change Password** to set a new admin password or layout control password.

Device Administration Menu Showing the Change Password Screen

The screenshot shows the Crestron AirMedia web interface. At the top left is the Crestron logo, and at the top right is the AirMedia logo. Below the logo is a breadcrumb trail: "Device Administration" > "Change Password". A "Logout" button is in the top right corner. On the left is a blue navigation menu with the following items: System Status, Device Setup, Network Setup, Crestron Services Setup, OSD Setup, SNMP Setup, Device Services, Change Password (highlighted), Firmware Upgrade, Remote View Setup, Reset to Default, and Reboot System. The main content area is divided into two sections: "Device Administration" and "Layout Control". Each section has two input fields: "Enter New Password" and "Confirm New Password", with an "Apply" button to the right of the confirm field. The "Device Administration" section is currently active.

Perform the following to change the admin password:

1. In the **Device Administration** section, enter a new password in the **Enter New Password** field.
2. In the **Device Administration** section, enter the new password in the **Confirm New Password** field and click **Apply**.

Perform the following to change the layout control password:

1. In the **Layout Control** section, enter a new password in the **Enter New Password** field.
2. In the **Layout Control** section, enter the new password in the **Confirm New Password** field and click **Apply**.

Firmware Upgrade

Click **Firmware Upgrade** to import or export device configuration settings or upload new firmware.

Device Administration Menu Showing the Firmware Upgrade Screen

The screenshot displays the Crestron AirMedia web interface. At the top, the Crestron logo and 'AirMedia™' are visible. Below the navigation bar, the 'Firmware Upgrade' page is active. A left-hand navigation menu lists various system management options, with 'Firmware Upgrade' highlighted. The main content area is divided into two sections: 'System Configuration' and 'Firmware Upgrade'. The 'System Configuration' section includes an 'Export System configuration' button and an 'Import' section with a 'Choose File' button and the text 'No file chosen'. The 'Firmware Upgrade' section shows the current 'Firmware Version' as 1.1.0.1 and the 'Release Date' as 20140904. A warning message states: 'Please ensure that no users are connected before beginning the upgrade.' Below this, there is a 'File Name' field with a 'Choose File' button and the text 'No file chosen', followed by an 'Upgrade' button. At the bottom of the page, a copyright notice reads: 'Copyright © 2014. All Rights Reserved'.

Device settings can be imported from another device or exported to a file for use on another device.

Export and Import System Configuration Settings

To export the system configuration file, click **Export**.

Perform the following to import a system configuration file:

1. Click **Choose File** to select a file to import. The file has the .conf extension.
2. Click **Import** to import the configuration file and change the AM-100's settings.

Upgrade Firmware

Perform the following to update the AM-100's firmware:

1. Click **Choose File** to select the desired firmware file. The file has the .img extension.
2. Click **Upgrade** to update the AM-100's firmware.

NOTE: Firmware upgrades may take up to 30 minutes.

NOTE: Ensure that all users are disconnected from the AM-100 before upgrading the firmware.

NOTE: To update multiple AM-100s across an enterprise, use the AirMedia™ Update Tool, which is available for download from www.crestron.com/software.

Remote View Setup

Click **Remote View Setup** to set the auto-refresh interval for remote viewers.

Device Administration Menu Showing the Remote View Setup Screen

The screenshot displays the Crestron AirMedia™ Device Administration interface. The top navigation bar includes the Crestron logo and the AirMedia™ logo. Below the navigation bar, the 'Device Administration' menu is expanded to show 'Remote View Setup'. The left sidebar contains the following menu items: System Status, Device Setup, Network Setup, Crestron Services Setup, OSD Setup, SNMP Setup, Device Services, Change Password, Firmware Upgrade, Remote View Setup (highlighted), Reset to Default, and Reboot System. The main content area shows the 'Auto Refresh Interval (second)' settings. The 'Manual Refresh' option is selected. The list of intervals and their corresponding recommended maximum concurrent users is as follows:

Interval (seconds)	Recommended maximum concurrent users
10	10
20	15
30	20
45	25
60	30
90	35

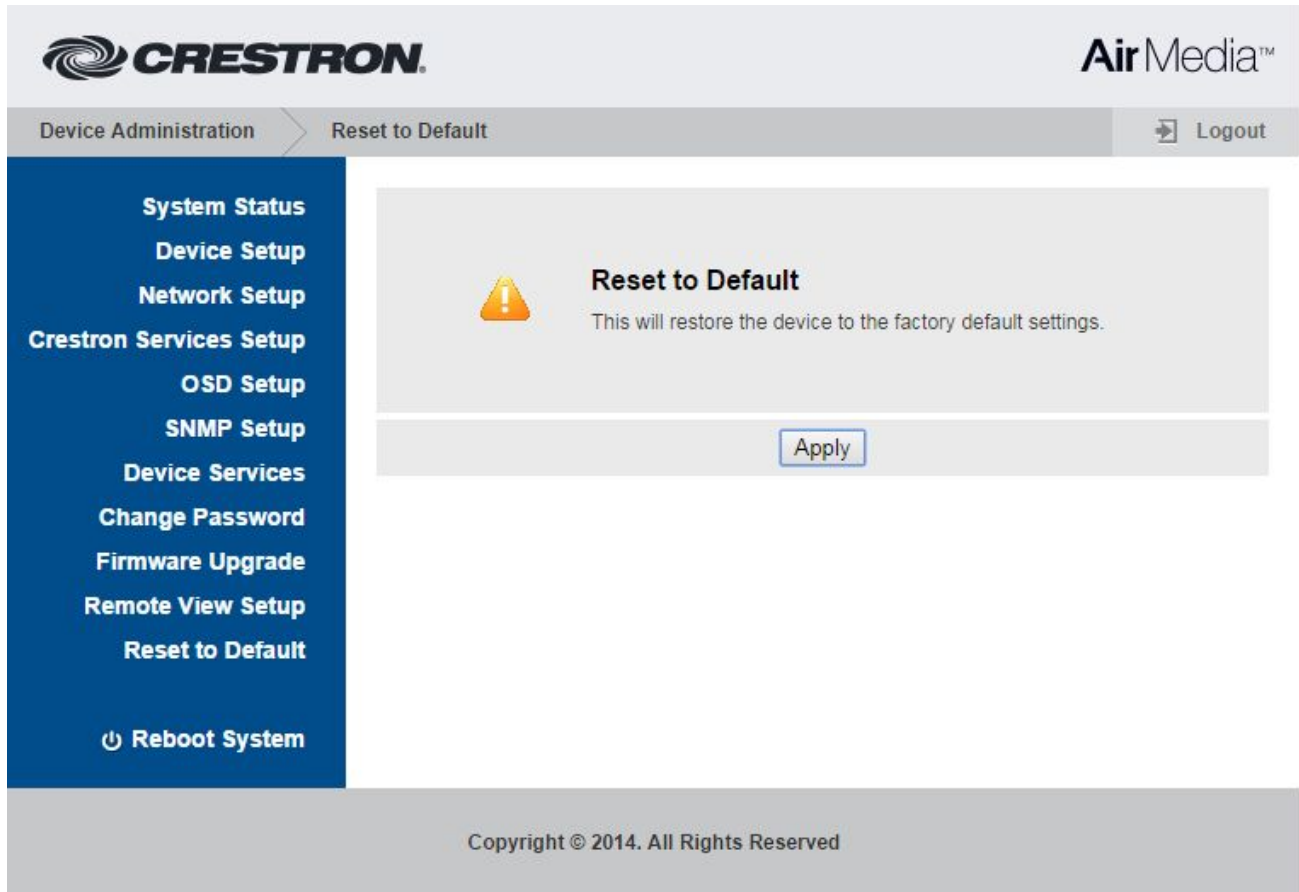
'Apply' and 'Cancel' buttons are located at the bottom right of the settings area. The footer of the interface reads 'Copyright © 2014. All Rights Reserved'.

Using the recommended maximum amount of concurrent users shown, select a refresh interval (in seconds) from the list and click **Apply**. To cancel, click **Cancel**.

Reset to Default

Click **Reset to Default** and then click **Apply** to reset the AM-100 to the factory settings.

Device Administration Menu Showing the Reset to Default Screen



The screenshot displays the Crestron AirMedia web interface. At the top left is the Crestron logo, and at the top right is the 'AirMedia™' logo. Below the logo is a navigation bar with 'Device Administration' and 'Reset to Default' tabs, and a 'Logout' button. A left-hand menu lists various system settings, with 'Reset to Default' highlighted. The main content area shows a warning icon and the text 'Reset to Default' followed by 'This will restore the device to the factory default settings.' and an 'Apply' button. The footer contains the text 'Copyright © 2014. All Rights Reserved'.

Reboot System

To reboot the AM-100, click **Reboot System** and click **Apply**.

Operation

The AM-100 uses client software to share a PC or Mac[®] (hereafter referred to as “computer”) desktop. The computer should be able to access the AM-100 over the network.

NOTE: Crestron offers a stand-alone application for enterprise deployments. This application features additional connection methods and device management. For details, visit the Crestron website.

NOTE: Mobile devices can share their content using the AirMedia app, which is available for iOS[™] and Android[™] devices. Download the latest version from the App StoreSM in iTunes[®] or Google Play[™].

1. On the computer, open a web browser and navigate to the web address or the IP address that is displayed on top left of the AM-100 welcome screen as shown on page 3. The download screen is displayed.

Download Screen

CRESTRON AirMedia™

Device Administration

Download AirMedia Utility Software

Client for Windows Download
(Requires Windows 8 / 7 / Vista / XP)

Client for Mac Download
(Requires OS X 10.5 ~ 10.8)

Remote View

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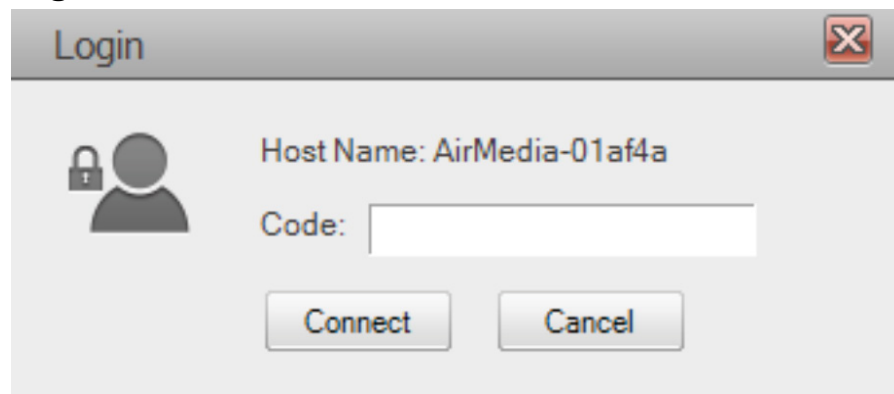
2. Click on the **Download** icon for the computer's operating system and follow the instructions for installing the client software.

NOTE: When used on a Mac, the AirMedia application must be run from within the disk image file. Do not drag the application out of the disk image file.

Run the AM-100 Client

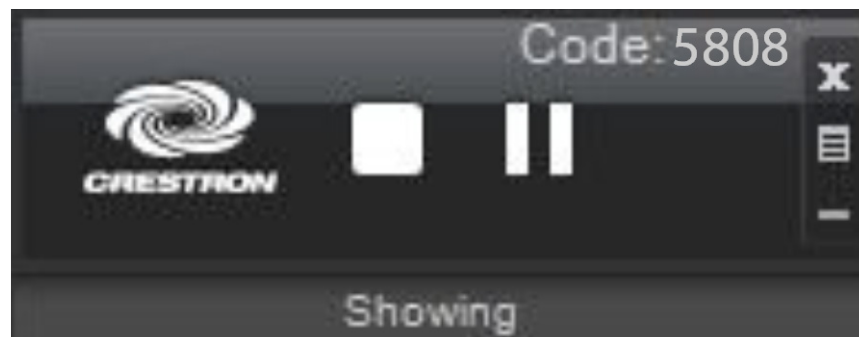
1. Run the client software. The **Login** screen is displayed.

Login Screen



2. In the **Code** field, enter the code displayed on the AM-100 welcome screen shown on page 3 and click **Connect**. The client establishes a connection between the computer and the AM-100 while displaying the presentation control screen on the computer.

Presentation Control Screen



The contents of the computer screen are shown on the display connected to the AM-100.

NOTE: The application mutes the PC's local audio, since the audio is transmitted to the device and played through the display's speakers.

Control the Presentation

Use the following controls to direct the presentation:

- Stop showing the computer's screen.
- ▶ Start showing the computer's screen.
- || Freeze the computer's screen.
- ✕ Close the client application and the connection between the computer and the AM-100.
- ☰ Display a pop-up menu of additional options. For details, refer to "Configure Basic Presentation Settings" below.
- Minimize the presentation control screen.

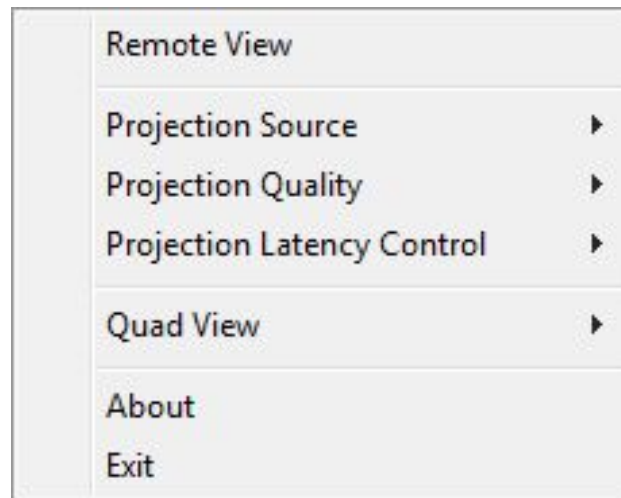
Configure Basic Presentation Settings

Once a link between the computer and the AM-100 has been established, the AM-100 can be configured for custom operation.

Perform the following to configure the AM-100:

1. Use the mouse to click the menu button (☰). A pop-up menu is displayed.

Pop-up Menu



2. Use the mouse to configure the following options:
 - **Remote View** allows the device to serve images of the desktop to remote viewers via the built-in web server.

- **Projection Source (Windows Only)** allows the user to share a secondary desktop. This is similar to the Extend mode in Windows[®] for multiple displays.
- **Projection Quality** improves the quality of the transmitted image but uses more bandwidth. The user's computer should be connected to the AM-100 via a wired Ethernet connection when using this setting.
- **Projection Latency Control** reduces the latency of the projected image but is more computationally intense.
- **Quad View** selects the image position of the screen when multiple PCs are shown on the AM-100. For details, refer to "Quad View" below.


Quad View

Up to four computers can simultaneously share their desktops with the AM-100. Shared desktops are arranged with each computer using one quarter of the projected image.

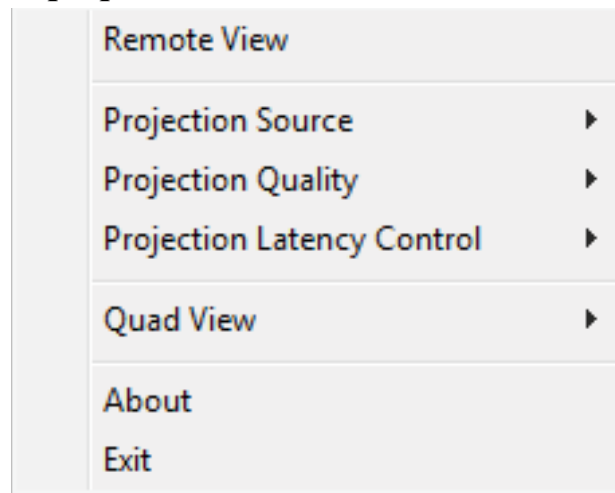
NOTE: If moderator controls are enabled, the screen position can only be set by the moderator. For details, refer to "Moderator Controls" on page 27.

NOTE: Although the AM-100 can support up to 32 connected computers for sharing, only four desktops can be displayed simultaneously.

Perform the following to share multiple desktops simultaneously:

1. Connect the computer to the AM-100 as described in "Run the AM-100 Client" on page 22.
2. Connect up to three other computers as described in "Run the AM-100 Client" on page 22.
3. Use the mouse to click the menu button (). A pop-up menu is displayed.

Pop-up Menu



4. Click **Quad View** and select the shared desktop's quadrant on the display device.

NOTE: If another computer is already sharing the selected position, the position is replaced by the newly shared desktop. Desktop playback ceases on the “booted” computer.

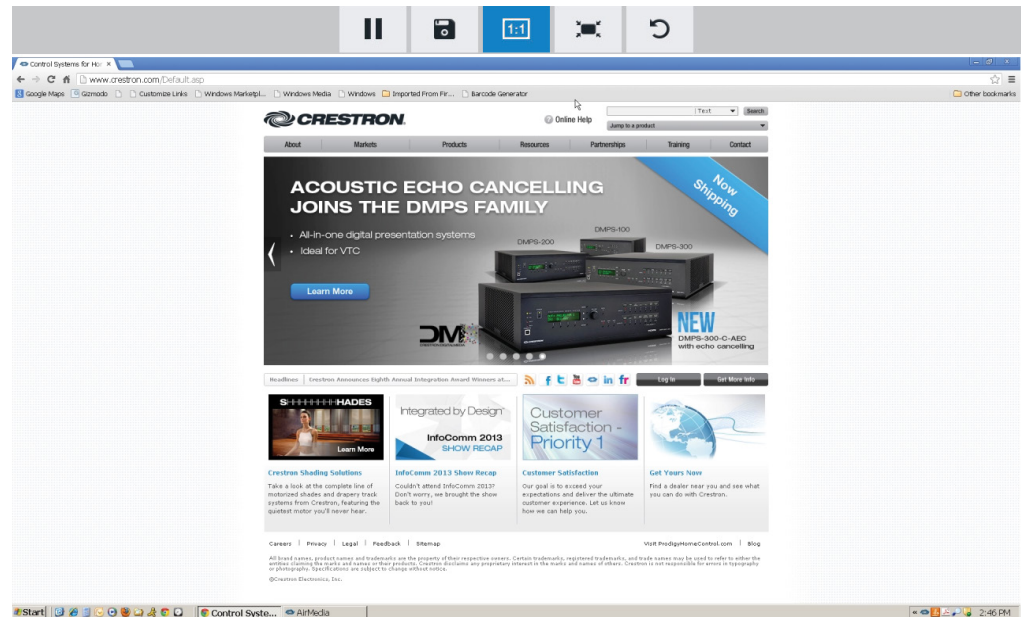
NOTE: If **Full** is chosen, any other shared desktops are replaced by the newly shared desktop. Desktop playback ceases on the “booted” computers.

View a Presentation Remotely






If Remote View is enabled, users can view desktop images via the AM-100's built-in web server. Perform the following to remotely view images:

1. On a remote computer, open a web browser and navigate to the web address or IP address supplied by the user or users that are sharing their desktops. The download screen as shown on page 21 is displayed.
2. Click **Remote View**. The shared desktop is displayed in the web browser as a web page.

Remote View Web Page



- Use the following buttons when viewing the AM-100's output in a web browser.

-  Pause the currently displayed image.
-  Save the currently displayed image.
-  View the currently displayed image at actual size.
-  View the currently displayed image at full-screen size.
-  Refresh the image.

Moderator Controls

Moderator controls are used to determine which users can present to the display device and where their presented content is located on the display.

Login

1. On the computer, open a web browser and navigate to the web address or the IP address that is displayed on top left of the AM-100 welcome screen. The download screen is displayed.

NOTE: By default, the AM-100 displays the IP address in parentheses to assist in the configuration of the device. The IP address can be hidden so that the end user only sees a friendly URL (i.e., <http://AirMedia-019647>). For details, refer to “OSD Setup” on page 12.

Download Screen

CRESTRON AirMedia™

Layout Control Device Administration

Download AirMedia Utility Software

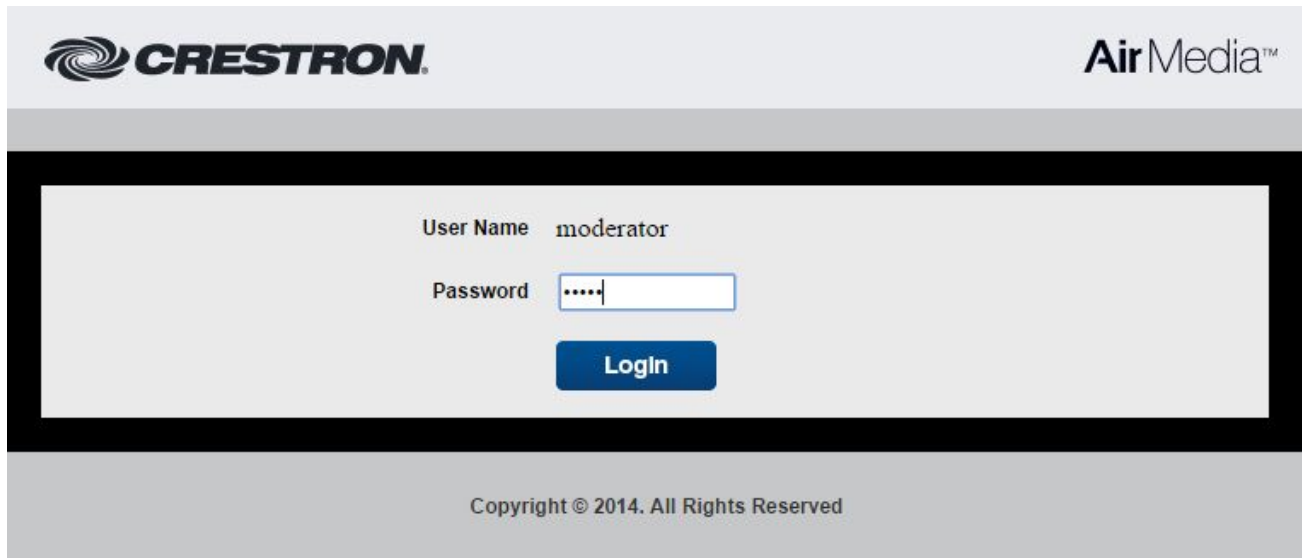
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Remote View

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2. Click **Layout Control**. The moderator login screen is displayed.

Moderator Login Screen

CRESTRON

AirMedia™

User Name moderator

Password

Login

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3. Enter the moderator password (the default password is “moderator”) and click **Login**. The **Layout Control** screen is displayed showing a list of connected presenters.

Layout Control Screen

CRESTRON AirMedia™

Crestron AirMedia > Layout Control Logout

Layout Control

Moderator
When checked, changes to the layout can only be made by this browser session.

Name	Play Control	IP Address
astempel		172.30.16.63
csantimauro		172.30.16.35

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Control the Display Layout

1. Click the **Moderator** checkbox to enable layout control.

NOTE: If **Moderator** is enabled, the play control can only be changed by the user who is logged in as the moderator.

2. Up to four connected users can share content on the display at a time. Select the display capability of each connected user. Use the following controls for each connected presenter.



Sets the selected presenter to display in full screen.



Sets the selected presenter to display in a specific quadrant of the display. Click on the quadrant where the presenter's content is to be displayed.



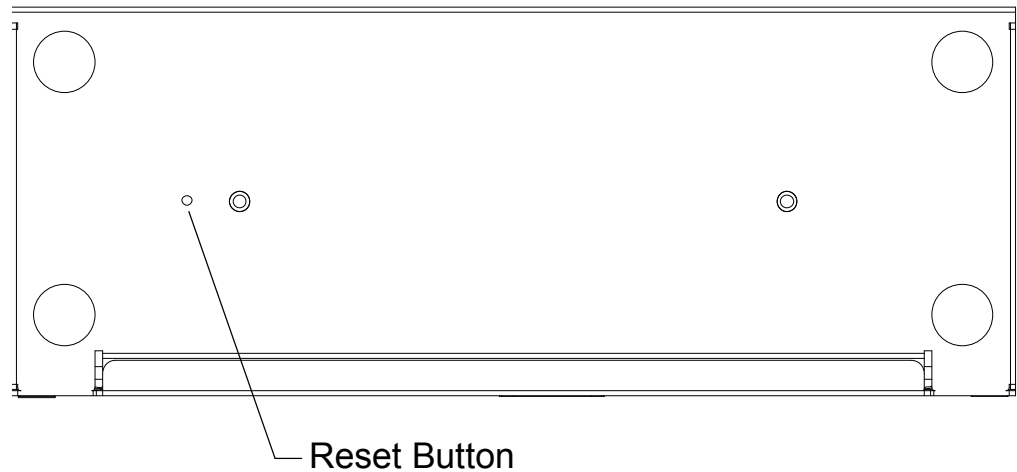
Disconnects the selected presenter from the display.

Hardware Reset

In the event that the administration pages are disabled or the device is configured with a static IP address that is on a different subnet and the AM-100's configuration screens cannot be accessed, the AM-100 must be reset to the factory settings. Perform the following to restore the factory settings:

1. Turn the AM-100 upside down as shown in the following diagram.

Underside of the AM-100



2. Unplug the AM-100
3. Press and hold the reset button.
4. Plug in the AM-100 with the button still pressed.
5. Wait approximately 30 seconds or until the front LED turns green.
6. Release the reset button.
7. Unplug the AM-100.
8. Plug in the AM-100.



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Operations Guide – DOC. 7463C
(2036012)

10.14

Specifications subject to
change without notice.