AM-USB-WF/AM-USB-WF-I

AirMedia® USB Adapter with Wi-Fi® Connectivity

The Crestron® AM-USB-WF and AM-USB-WF-I USB dongles enable the use of Miracast® projection technology with the AM-200 and AM-300 presentation systems and the CCS-UC-1 Crestron Mercury® UC Tabletop Conferencing System. Miracast is built into the Microsoft® Windows® 10 operating system, so no software installation is necessary.

NOTES:

- The AM-USB-WF and AM-USB-WF-I are functionally identical. The AM-USB-WF-I model is sold outside of the United States. In this document, the term "AM-USB-WF" denotes both versions of the product.

- The AM-USB-WF and AM-USB-WF-I were previously sold under different names. References to an AirMedia® USB Adapter with Wi-Fi® Connectivity in other documentation concern the product described in this Quick Start.

- When using the AM-USB-WF or the AM-USB-WF-I with the AM-200 or AM-300, the ZUMMESH-AVBRIDGE, ZUMMESH-KP10AMBATT, and ZUMMESH-PIR-OCCUPANCY-BATT are not supported.

In the Box

1	AM-USB-WF, AirMedia® USB Adapter with Wi-Fi® Connectivity (U.S.)
	or
1	AM-USB-WF-I, AirMedia® USB Adapter with Wi-Fi® Connectivity (International)

Required Firmware

The AM-USB-WF is compatible with the following firmware:

- CCS-UC-1 version 1.4095 or later
- AM-200 and AM-300 version 1.4213 or later

The latest firmware for each device can be found at www.crestron.com/firmware.

AirMedia® USB Adapter with Wi-Fi® Connectivity

Installation

> **CAUTION:** The AM-USB-WF module should not be shielded or covered when in operation. Refer to Best Practices for: Installation and Setup of Crestron RF Products (Doc. 6689) at crestron.com/manuals to avoid wireless interference when using the device.

AM-200/AM-300 Installation

Insert the AM-USB-WF into the USB port on the AM-200 or AM-300.

AM-200 Installation
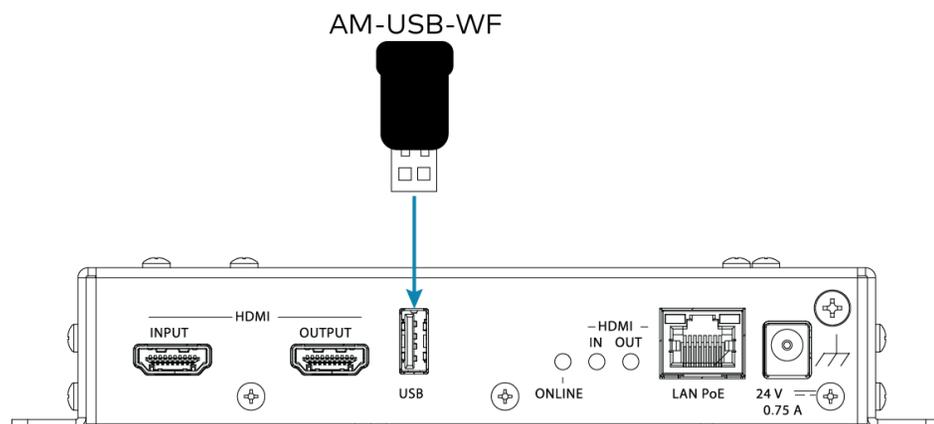
AM-USB-WF

AM-300 Installation
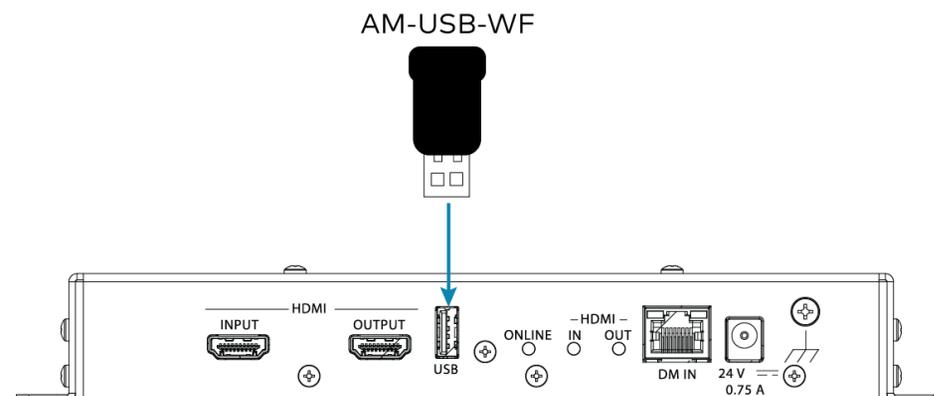
AM-USB-WF

CCS-UC-1 Installation

Insert the AM-USB-WF into the USB/ACC port on the CCS-UC-1.

AM-USB-WF
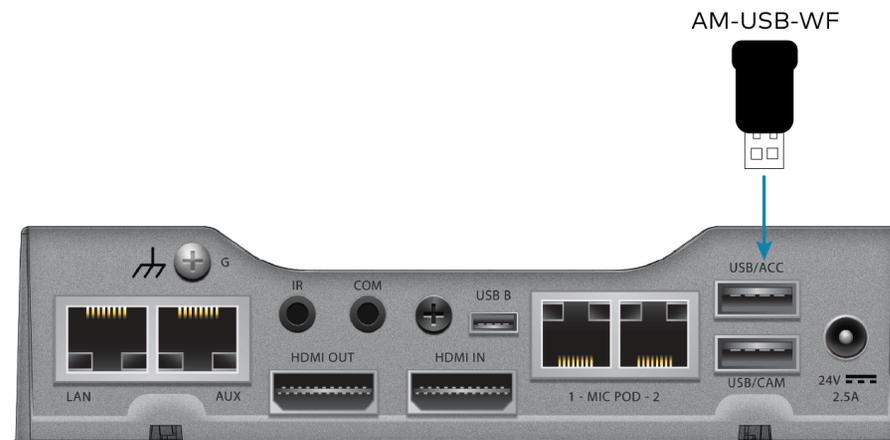
AirMedia® USB Adapter with Wi-Fi® Connectivity

Configuration

> **NOTE:** The configuration of this device requires a working knowledge of the AM-200, AM-300, or the CCS-UC-1. Refer to the AM-200/-300 Product Manual (Doc. 8254) or the CCS-UC-1 Product Manual (Doc. 7844) at crestron.com/manuals for further information regarding each product.

Use a web browser to navigate to the IP address or host name of the host device.

1. After signing in, click on the **AIRMEDIA** link in the left-hand pane.

2. In the **Miracast** section, set **Miracast** to **Enabled**. A dialog box prompting a device reboot will appear after Miracast is enabled. Select **Yes**.

3. Set the **Default Windows Experience** to **Miracast** so that instructions tailored to Miracast will appear when starting the presentation. A dialog box prompting a device reboot will appear after Miracast is set as the Default Windows Experience. Select **Yes**.

4. Set **WiFi Direct Mode** to **Enabled** so that if the initial LAN connection fails, a Wi-Fi point to point connection will occur.

> **NOTES:**
> - If **WiFi Direct Mode** is enabled, **Login Code Mode** must be set to **Random** or to **Use the following code**, where a fixed code is entered to login.
> - For the best user experience, Crestron highly recommends setting **WiFi Direct Mode** to **Enabled**.
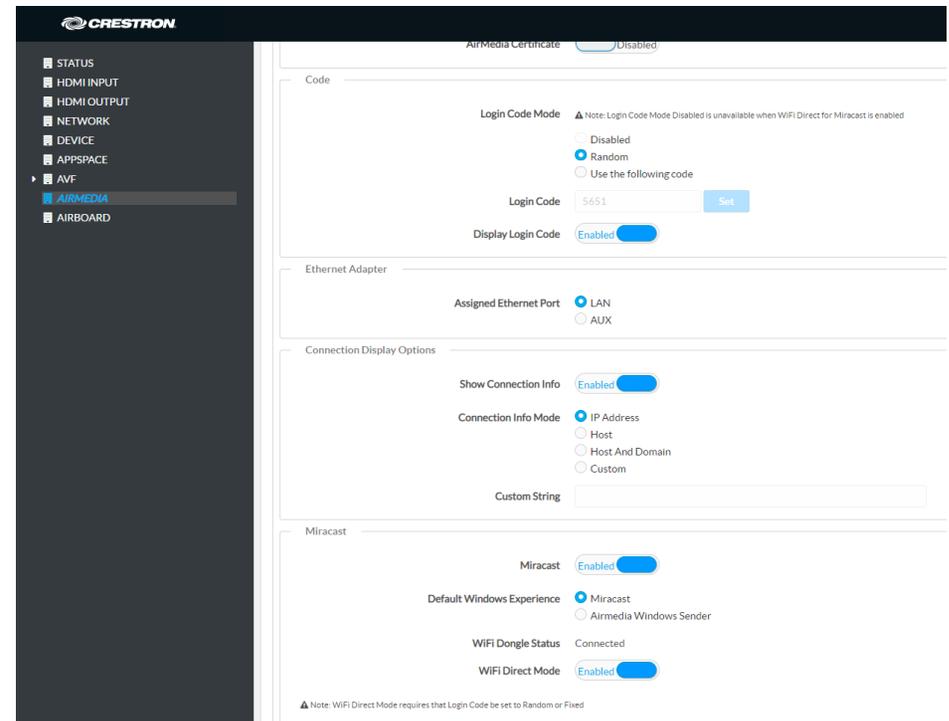
> **NOTE:** For Miracast network requirements, best practices, and troubleshooting, refer to the AirMedia Deployment Guide (Doc. 7693) at www.crestron.com/manuals.

AirMedia® USB Adapter with Wi-Fi® Connectivity

Operation

Connect to the Device

To connect to an AM-200, AM-300, or CCS-UC-1 with a Windows 10 device, do the following:

1. On a Windows 10 device, use the **Windows Logo Key** + **K** keyboard shortcut to search for Miracast capable receivers. A list of capable receivers will appear in a pop-up menu on the right-hand side of the screen.

2. Click on the name of the desired receiver. In the image above, the Crestron Mercury UC Tabletop Conferencing System (CCS-UC-1) is used as an example.

3. Enter the authentication code displayed on the CCS-UC-1 or the AM-200/-300 and connect to the receiver. Content will be shown on the display device once connected.

NOTES:

- Crestron recommends Windows 10 version 1809 or newer for complete support of Miracast. Windows 10 version 1703 is the minimum supported version for Miracast capability. Previous versions may not ask for an authentication code when connecting.

- Miracast devices use Wi-Fi based discovery. After discovering a device, Windows 10 will first attempt to connect to the Miracast receiver via any existing infrastructure. If the connection over infrastructure fails, Windows 10 will then establish the Miracast session using a standard Wi-Fi Direct® connection.

Configuration

Once connected, the user may alter the projection settings.

1. Click on **Change Projection Mode**. A list of different projection methods will appear in place of the receiver list.

2. Click on the desired projection method from the list.

AirMedia® USB Adapter with Wi-Fi® Connectivity

Disconnect the Device

The user can disconnect by clicking the **Disconnect** button.
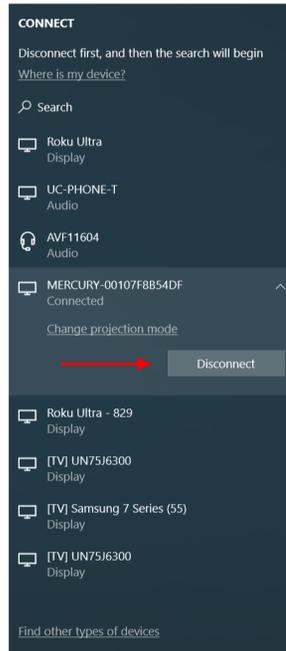
Visit the Product Page

Scan the QR code to visit the product page.

AM-USB-WF

www.crestron.com/model/6511400

AM-USB-WF-I

www.crestron.com/model/6511401

AirMedia® USB Adapter with Wi-Fi® Connectivity

Additional Information

Original Instructions
The U.S. English version of this document is the original instructions.
All other languages are a translation of the original instructions.

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