

AM-USB-WF

AirMedia® USB Adapter with Wi-Fi® Connectivity



- USB dongle for Miracast® wireless content projection from Microsoft® Windows® 10 devices
- For use with AM-200/ AM-300 media presentation systems or the CCS-UC-1 Crestron Mercury® UC Tabletop Conferencing System
- Supports 802.11a/b/g/n/ac with transmission speeds of up to 150 Mbps (2.4 GHz) or 433 Mbps (5 GHz)

The AM-USB-WF is a USB dongle that enables 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 System¹. Miracast allows users to wirelessly share content from a Microsoft Windows 10 device, even if a Wi-Fi® network is not available. Miracast is built into the Microsoft Windows 10 operating system, so no software installation is necessary.

Wireless Projection

The AM-USB-WF facilitates wireless connectivity required for Miracast wireless presentation and screen mirroring. The AM-USB-WF uses a two-fold connection method to support wireless projection over existing infrastructure or through Wi-Fi Direct®. This method allows guest users to easily present, even if they are not connected to the same network as the receiver.

Specifications

Features

Main Chip	RTL8811 AU
Interface	USB 2.0

Wireless Communication

Protocols and Standards	IEEE 802.11/b/g/n/ac
Working Bands	2.4 GHz, 5 GHz
Antenna	Built-in dual band antenna

Security

Encryption Pattern	WPA, WPA2
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Supported Channels

2.4 GHz	1 - 11
5 GHz	36, 40, 44, 48, 149, 153, 157, 161, 165

Environmental

Temperature	14° to 122° F (-10° to 50° C)
Humidity	20% to 85% RH (noncondensing)

Dimensions

Height	1.30 in. (33 mm)
Width	0.63 in. (16 mm)
Depth	0.28 in. (7 mm)

Weight

0.11 oz (3 g)

Compliance

CE, FCC Part 15 Class B, RoHS

Models

AM-USB-WF

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Notes:

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

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

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

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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