

WCM-PLUS 5.6 RELEASE NOTES (IAM)

VERSION INFO

5.6

RELEASE DATE

6/2/2025

OVERVIEW

The DNP WCM-Plus is a device that allows wireless printing to any of the current DNP printers. Printing from mobile devices (iPhone, iPad, and Android), Windows PCs and Tablets, and Macs can be done using the direct printing feature (which allows cropping and basic editing), AirPrint®/IPP, Hot Folder, or FTP.

KEY FEATURES OF WCM-PLUS

- **Easy Setup!** WCM-Plus identifies the printer and media type so you do not need to setup printer instances for each print size.
- **Fast!** The WCM-Plus uses powerful hardware to provide transfer speeds up to 10 seconds. (results may vary due to variations in connected devices, Wi-Fi traffic, file size, etc.)
- **Crop/Edit Capability.** When using the WCM Print feature you can crop and edit images for the best print experience. Edit functions include color correction, filters, fit/fill, and drawing tools!
- **Borders!** Borders can be added to your prints from any of the printing methods. Custom borders can be easily loaded, providing fun and unique frames or business branding to promote your business!
- **Image Archive!** Turn on image archiving to select pictures for reprints, additional edits, and downloads.
- **Instant Reprint!** The print queue includes a printer icon to reprint any of the last ten images directly from the print queue.
- **Changeable Antennas.** WCM-Plus uses two Wi-Fi antennas. One to connect to the hotspot and the other to connect to a local Wi-Fi network. Depending on your needs and the environmental conditions, the antenna that is used for each connection can be switched. High Gain antennas can also be added improve coverage. (high gain antennas are not provided or sold by DNP)
- **Wired Printing.** An Ethernet adapter for your mobile device can be added to provide a wired connection from your device to the WCM-Plus using an Ethernet cable. This

can be helpful in situations where too much Wi-Fi traffic interferes with the transfer of image data.

- **Three USB Ports.** Three USB ports are available for easily connecting three DNP printers simultaneously, allowing a wide range of print sizes or redundancy to reduce media loading frequency.
- **Hot Folder.** Hot folders can be easily setup on iOS, Android, Windows, and Mac systems to drag and drop images for fast and easy printing
- **Print from Multiple Sources.** Many devices can print to the WCM-Plus simultaneously, making the WCM-Plus a great tool for parties and events.
- **WCM Retail.** Provides a new web app that allows retailers to upload their store logo and manages customer prints with a segregated order summary and allows retailers to hold orders until payment is made.
- **Party Print!** Party Print is a subscription service from DNP designed for photobooth operators and event photographers or venues to expand their product offering and allow event guests to contribute their photos. WCM-Plus can handle the printing and slideshow features of Party Print!
- **Admin Portal.** Access the admin portal to manage all settings, controls, and features of WCM-Plus from any mobile device, PC, or Mac that is connected to the WCM-Plus hotspot network.

NEW 5.6 FEATURES

This new release contains the following improvements:

- New Features
 - No changes
- Performance and Other Improvements
 - Add ability to prevent storage of any images on WCM.
 - Add ability to select Hotspot security protocol for broad device compatibility
 - Add control to prevent network connection from changing when an ethernet adapter is used to connect an iOS device to the WCM. This should also address networking issues.
- Resources
 - No changes
- API
 - An API has been created for developers to incorporate WCM-Plus directly into their software. Contact DNP IAM Tech Support for a copy.

BUG FIXES

- Startup print will print on the smallest print size available
- Set default saturation value to 100 for color adjustment
- Multi-cut not working correctly, i.e. 4x6 on 6x8 media not utilizing full panel
- Multi-printer load balancing
- Retail Print showing other users images.
- Party Print borders not being applied

KNOWN ISSUES

White borders from iOS

White borders from Android

Panorama images zoomed in from Android

iPad with A16 cannot connect to hotspot (New security protocol selection allows A16 users to use WPA for Hot Spot connection)

COMPATIBILITY

WCM-PLUS is compatibility includes:

- iPhones and iPads on iOS 16 and later
- Microsoft Windows 10 & 11
- Android devices on Android 13 and later
- MacOS 12 and later

SUPPORTED PRINTERS AND FIRMWARE VERSIONS

WCM-Plus supports all the current DNP printers and select legacy printers, including:

- DS620
- DS820
- QW410
- DS-RX1HS
- DS40
- DS80

SUPPORTED FILETYPES

- JPG/JPEG
- PNG
- HEIF / HEIC

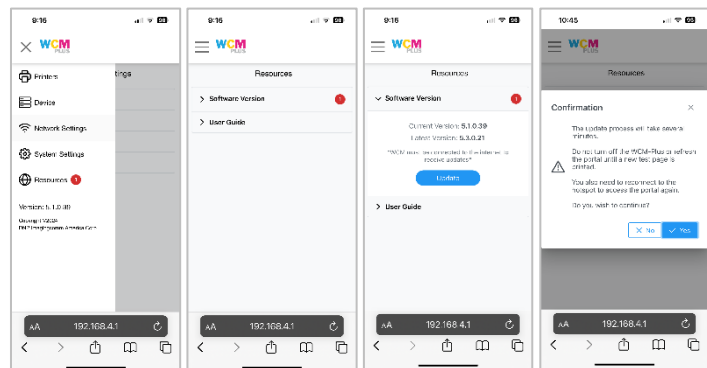
UPDATING THE SOFTWARE

How to update: To determine if an update is available for your Wireless Connect Module, connect the WCM Plus to the internet using the following steps:

- Connect your iOS, Android, Laptop, or PC to the WCM Hotspot:
 - **WCMPLUS-xxx** – the last three digits are unique to each WCM Plus
- Enter **192.168.4.1** in the address bar to open the WCM portal in a web browser.
- Connect the WCM-Plus device to the internet either by connecting an Ethernet connection or by connecting to a local Wi-Fi network.
 - An Ethernet connection usually increases download speeds
 - To connect to a local Wi-Fi network, go to Network Settings / Wi-Fi Connection in the WCM-Plus portal and enter the network SSID and password.

Update your WCM-Plus using the following steps:

- Verify date/time settings are correct. Update if necessary. [MainMenu](#) / [Device](#) / [Date/Time](#)
- A notification will appear in the main menu indicating that an update is available.
 - This may take a short while as it checks the update server.
- Select **Software Version** to check the current version of software and, if an update is available, the latest version will also be shown.
- Tap **Update** to install the update. A notification will popup asking for confirmation of the upgrade process and a warning to allow several minutes for the update to be completed. Once the process is complete a test page will print indicating the process is complete.



Note, Factory Reset will roll back to the version installed at the factory. The update process will install all the latest changes.

If you have any questions, please contact DNP Support or your DNP photo product reseller.

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ACKNOWLEDGMENTS

The ICC profiles provided by DNP IMS America Corporation are prepared using the technology of X-Rite, Incorporated.

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