

General Information:

This firmware update utility will install v1.10 firmware onto the QW410 photo printer. Installing this firmware will add certain functionality to the printer. See the list of feature improvements listed below under firmware revision history.

Installing the most current firmware version will include all improvements of the previous firmware updates. Installing each of the incremental updates are not necessary.

The firmware update utility for Mac OS-X supports versions OS-12, 11, and 10.15 The utility may also operate on previous older Mac OS, but it is not supported.

Brief Operation Information for the Update Utility:

To use this firmware update, please review the detailed install instructions that accompany the update utility or download it from the DNP web site.

Before running the Firmware Update Utility

Ensure the printer media is loaded, it is Idle, the Ready light is lit, and no error lights are present.

After unzipping (ZIP) for Windows OS and or opening the disc image file (DMG) for MacOS, copy or save the contents to your computer desktop. Review the update installation information, then run the update application file.

Summary of Installation Directions:

- 1- Confirm your QW410 printer is connected and powered on.
- 3- Select the folder with the correct version of the update tool, double click correct folder.
- 4- Double click the Firmware Update file QW410_v1.10
- 5- Follow the directions of the application as prompted.
- 6-When the operation is completed, close the update utility and power cycle the printer.

Note - There are two parts of the update that will occur automatically. DO NOT interrupt the process.

Wait until the process has completed entirely.

The LEDs on the printer will flash while the firmware is being updated.

The printer will "beep" several times during this process.

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A Dialog box will appear indicating completion.

-The entire process will take about a minute to complete.

When the update begins, a NOTICE window will appear, informing you of certain criteria concerning the installation of the firmware onto the target printer. In particular, the notice points out the one-way nature of the update.

IMPORTANT CAUTION NOTE:

DO NOT interrupt the firmware update process once it starts; doing so could damage the printer.

DO NOT turn off or disconnect the printer or PC during this process. DO NOT unplug the data cable, or open the printer front door, or interrupt the update process in any way. The printer may be permanently damaged requiring costly repair.

NOTICE:

This firmware update installation CAN NOT be reversed or uninstalled.

The firmware may be installed onto a QW410 printer that is less than or equal to the firmware version in the update utility. Once updated with this firmware update package, a lower version firmware cannot be installed.

Release Notes for iSerial USB functionality:

The QW410 printer has iSerial enabled from the factory. However, in multiple printer environment where QW410 and other DNP printers are connected to the host PC at the same time. All printers must have iSerial enabled to take advantage of the features.

Operational and usability improvements of the printer on Windows and Mac platform computers can be achieved with the addition of iSerial USB functionality for certain DNP printers. After the firmware is installed, the iSerial function must be enabled using a separate utility available from the DNP web site.

With iSerial Function Enabled the following improvements occur:

- For Windows, with iSerial enabled the driver iteration (DNP Printer) Copy 1, (DNP Printer) Copy 2, etc are eliminated when the printer is reconnected to a different USB port. After the first reconnect after

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the FW update, it will automatically reconnect to any USB port on the PC the (DNP Printer) was previously connected without creating another driver copy iteration.

- For the Mac Platform, with iSerial enabled this printer feature will allow multiple DNP printers to be connected to the Mac. All connected DNP printers must have iSerial enabled for proper operation in a multi printer environment.

NOTICE: The separate iSerial Enable Tool must be run to turn on older DNP printers enabling the iSerial functionality.

QW410 Firmware Update Revision History

Feature Functionality Improvements:

2022-08

- Adds print sizes for QW410 with firmware v1.10,
the print sizes added: 4x4.5", 4.5x3", and 4.5x4"

2020-09

Update security descriptors of Firmware Utility for Mac OS.

- The firmware version is unchanged.

QW410 v1.07 release 2020-04

- Movement of initial paper loading and paper edge detection was improved during paper initialization.
- 4.5x6 media for DP QW410 is supported.

QW410 v1.06 release 2019

- Initial release

Notes for some printers:

* Some new features and print sizes require the complementary printer driver update to enable the function.

** Print media pack sizes are limited to certain sales regions, check with your local reseller.

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Other Resources:

To find the firmware version of the DS-620 printer, check the Printer Info Tab of the DNP printer driver preferences. Or download the DNP Printer Info Tool app that support all DNP photo printers from the DNP website: <http://www.dnpphoto.com/Support/Downloads>

Windows and Mac Print Center Drivers, Printer and Driver Documentation, as well as product literature may also be downloaded from the DNP website.

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2022-08 bi