

## READ ME FIRST

### Mac OS X Driver for DNP printers - v5.0.26

#### Overview:

##### **For the DS-620 and DS-620A printers:**

The Mac OS X driver v5.0.26 is a General Release

##### **For DS-40, DS-RX1, DS-80 and DS-80DX (DS-80D + TU-80):**

The Mac OS X driver v5.0.26 is a Beta Release

*Notes: The driver is considered as Beta Release when the software is not officially validated for a specific printer because some restrictions of use remain.*

#### Supported Mac OS:

This release is intended to support printing from **Mac OS-X 10.11, 10.10 & 10.9.5**

This driver has not been tested on earlier OS X versions but will work with some limitations thru OS 10.6.

#### Licensing:

By installing this driver you agree to DNP PIE limitation of liability as stated in the License Agreement that you validated prior to downloading the "Mac OS X Driver v5.0.26" folder, and you further acknowledge your understanding and acceptance that for DS-40, DS-RX1, DS-80 and DS-80DX this driver is a Beta Release with some restrictions of use.

#### Prerequisites for driver installation:

##### **For DS-620 and DS-620A:**

The proper and full operation of Mac OS X driver v5.0.26 with DS-620 and DS-620A requires that the i-Serial function of the printer should be enabled.

Since DS-620 and DS-620A printers with i-Serial disabled may experience some mis-operations (later detailed in this document), it is required to install the i-Serial Tool prior to installing the Mac OS X driver v5.0.26.

##### **i-Serial Tool:**

In order to verify and enable the i-Serial function of the printer, the "i-Serial Tool" software application is provided in the installation folder of the Mac OS X driver v5.0.26.

In order to install the i-Serial Tool, please follow the procedure instructed in "DS620\_iSerial\_Enable\_Tool"

*The i-Serial Tool currently provided with the Mac OS X driver v5.0.26 supports only DS-620 and DS-620A printers.*

**For DS-40, DS-RX1, DS-80 and DS-80DX:**

The current firmware version for these printers does not support the i-Serial function yet. Consequently, Mac OS X driver v5.0.26 is considered as a Beta Release for these printers and the installation of the i-Serial Tool is NOT a prerequisite to the installation of the driver for DS-40, DS-RX1, DS-80 and DS-80DX.

**Installation Steps for the Driver:**

1. If necessary, run the provided uninstaller to remove any previous versions of the driver. Uninstall is not required to install this version over a properly working previous version.  
*Note: Removing the previous version that was properly operating is not required.*
2. Disconnect the Printer from the USB port.
3. Double-click the DNP DS Printer Driver DMG package and follow the instructions. This will run the new driver installer. Follow the screen instructions to install the driver.

**After Driver Installation**

1. Plug the printer into the USB port and turn it on.  
The printer should be added automatically in about a minute.  
Do NOT use the '+' sign to add the printer. In this case, you may have another instance of the DNP printer in your printer list.
2. Set the print output size for your printer media combination.  
*Note: The OS default print size for Letter size output will not print.*
3. The driver install script will setup the default DNP ICC color profiles.  
If desired, Change the ICC profile to another to suit your taste in color output using the OS ColorSync app.

**Un-Installing the driver:**

Should you choose to completely remove the DNP printer driver from the computer, perform the following steps:

- Disconnect the printer from the computer.
- Run the UN-Install program provided in the driver package. Follow the screen instructions.
- Note: The uninstall program included in the package will remove all DNP printers and driver files for all users of the Mac.
- Operation Note: Individual DNP printers can be removed without disturbing others by using the settings page of the OS.

**Known Operation Issues:**

1. White borders for some print sizes are not functional in this version of the driver
2. Cut sizes produced with the DS-80 Duplex may end with an error condition; power cycle the printer to clear the error.

### 3. i-Serial Function Info:

The Mac system will exhibit certain operation anomalies with Mac OS 10.9.4 and above OS when the i-Serial function is not enabled or not available in the DNP printer. Enabling the i-Serial function of the DNP printer will correct these known issues. The issues which may be exhibited are as follows:

- Printer may show as offline but it is still functional.

Your printer may show as 'Offline' in Mac OS. However, even though Mac OS reports that the printer is offline, as long as there aren't any error lights on the printer, the user is still able to print. Simply print from the Print dialog like normal and your images will be printed. Enable the i-Serial function to correct this condition.

- The computer does not support multiple printers of the same make and model.

Only connect one printer of a single model to the computer at any time. While multiple printer queues will be created for each attached printer, the system cannot differentiate between two or more printers of the same model and will send all print jobs to only one printer. Enable the i-Serial function to correct this condition.

Having printers of different models connected simultaneously, i.e., a DS40, RX1, DS620(A) and a DS80, is supported.

## Other Known Limitations:

Due to the design of Mac OS:

- The image preview in the printer panel may not reflect any color adjustments you make within the driver.
- The printer will always default to the system-wide default print size of US Letter rather than a supported printer size \*\*\*.

\*\*\* Please make sure you confirm the paper size before you hit the print button.

- Not all features may work on 10.6, but basic features should.
- The 2 inch cut is not supported on 4x6 multi-pages on 6x8 media.
- If you wish to print 4up 2x6 on a single 6x8 panel, please print as a 6x8 image.
- Certain Mac computers have exhibited slow job spooling (>45 seconds for a print job to begin). It has been reported that performing HDD diagnostic scan and repair may correct this condition.

## Added features:

- Multi Language support message support
- Metric and Imperial print sizes - auto selected by Mac settings
- Additional Cuts and Templates are available for certain printers.
- The driver fully supports i-Serial printer identification functions; enabling the i-Serial function in the printer may be necessary using the separate DNP app.
- The 2" cut modes are available for all printers on supported media sizes.
- Some functions and media sizes are available in only in certain regions.
- Support for 6x9 media is added for the DS-620 printer (only available in Eastern Hemisphere sales regions)
- Support for Ribbon Rewind function for DS-620; (only available in Eastern Hemisphere sales regions)
- Local Language support is added for various countries.

## **Version specific items:**

For DS-40

- The 2" cut strips feature is available from firmware version 1.4 and above, hardware mod may be required for reliable operation of the cutter mechanism.
- Print Retry from recoverable error support available for firmware 1.3 and above

For DS-620:

- Support of 6x9 media is available with firmware version 1.10 and above.

## **Questions:**

If you have questions about this driver or using your DNP printers, contact DNP PIE Technical Support at [support@dnpphoto.eu](mailto:support@dnpphoto.eu)

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