

Update tool for DP-DS820 Firmware and Color-control Data

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This is an explanation for the DP-DS820 Version Up Tool, to update the printer's firmware and color control data.

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1. DP-DS820 Version Up Tool Execute File Names

The DP-DS820 Version Up Tool has a specific execute file for each version to be updated.

The execute file names provided with the DP-DS820 Version Up Tool this time, and their corresponding update firmware and color control data versions are shown below.

	For 32bit OS	For 64bit OS
Folder	\DP-DS820_0105_Win32	\DP-DS820_0105_Win64
DP-DS820 Version Up Tool Execute File Name	DP-DS820_0105x86_Direct.exe	DP-DS820_0105x64_Direct.exe
Firmware Version	DS820 01.05 (Data File Name DS820_0105.s)	
Color Control Data Version and Checksum ()=Data File Name	DS820_SD_300_0101.CWD DD15 (DS820_SD_300_0101.cwd) DS820_SD_600_0101.CWD AB12 (DS820_SD_600_0101.cwd) DS820_SD_610_0101.CWD D776 (DS820_SD_610_0101.cwd) DS820_SD_620_0101.CWD D4CC (DS820_SD_620_0101.cwd) DS820_PP_300_0101.CWD 4005 (DS820_PP_300_0101.cwd) DS820_PP_600_0101.CWD DAE5 (DS820_PP_600_0101.cwd) DS820_PP_610_0101.CWD 3B98 (DS820_PP_610_0101.cwd) DS820_PP_620_0101.CWD DB3B (DS820_PP_620_0101.cwd)	
DLL file to use	cspstat.dll	cspstat64.dll

When executing, select all the files of one of the above shown folders according to OS environment of use, and save into one folder.

(The firmware and color control versions shown in the following explanations differ from that provided at this time.)

2. Running DP-DS820 Version Up Tool

To begin with, turn on the printer and connect it to the host computer with the USB cable. Set the paper and ribbon into the printer, close the cover, and make sure there is no error (Printer LED is green).

Run the DP-DS820 Version Up Tool execute file (*.EXE).

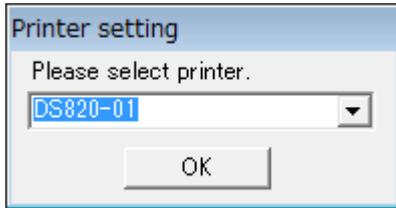
Note) For supporting 32/64bit OS, this Version Up Tool is an application which use .NET Framework. When the start of this tool by XP and the following message are displayed, it is necessary to install Microsoft.Net Framework. (In Windows 7 or Windows Vista, the .Net Framework is installed by the standard.)



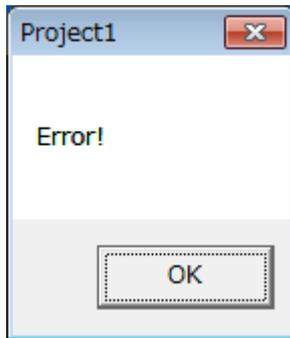
.Net Framework can be downloaded from following URL. The version that can be used is different depending on each OS. Details are described in URL. (This URL is a thing as of October 2016)

- .Net Framework 3.5 sp1 download (Windows XP and later)
<https://msdn.microsoft.com/en-us/vstudio/aa496123.aspx> (English)

When running DP-DS820 Version Up Tool, if there are multiple printer ports, the following printer select window will open.
Select the appropriate printer, and click “OK”.

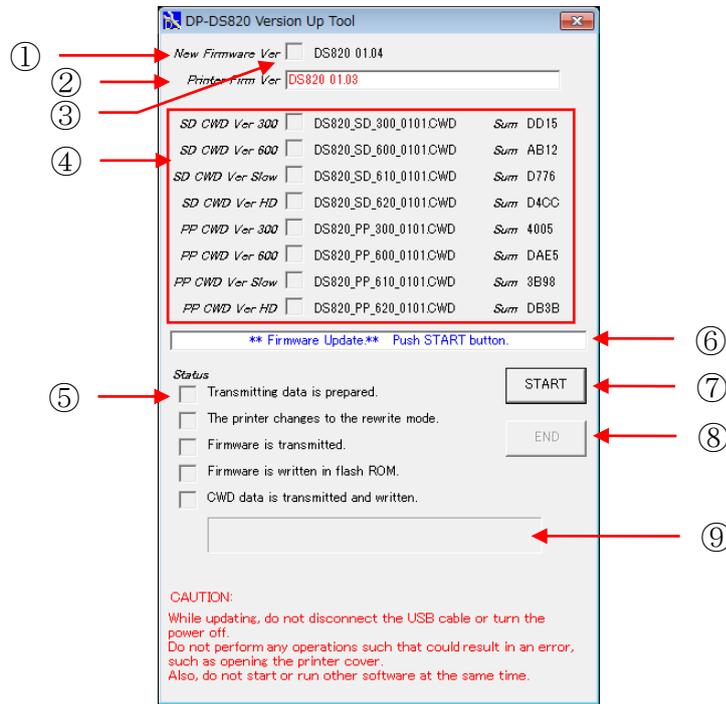


If there are no printer ports, the following confirmation window will open.
After checking that power is on and the USB is connected, click “OK” to start the process again.



3. DP-DS820 Version Up Tool Window Explanation

Once DP-DS820 Version Up Tool is running, the following window will open.

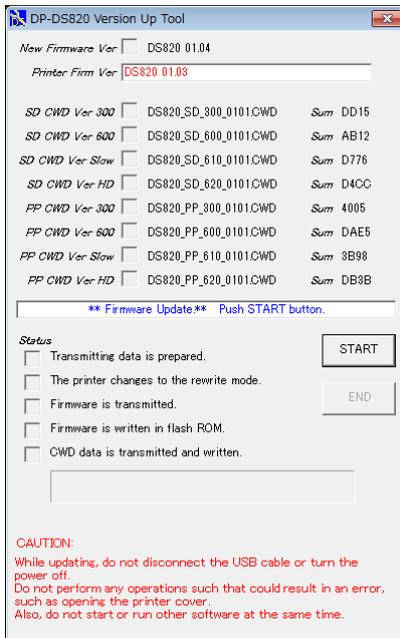


DP-DS820 Version Up Tool Window

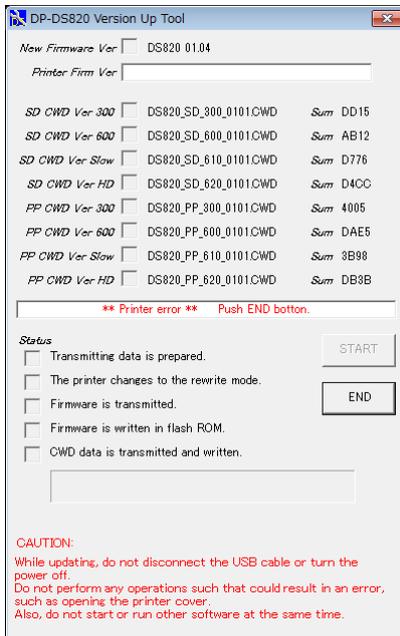
- ① New Firmware This displays the new firmware version that will be used in the update.
- ② Printer Firm Ver This displays the printer's current firmware version.
If it differs from the new version, it will be displayed with red letters.
- ③ Check Box This box will have a check if the new firmware or color control data has already been written to the printer, or if the update has been completed.
- ④ SD CWD Ver 300 This displays the new color control data version and checksum value (Sum) to be updated.
SD CWD Ver 600 When the update is complete, the Sum value will be displayed in blue.
SD CWD Ver Slow
SD CWD Ver HD
PP CWD Ver 300 SD CWD Ver 300 : CWD for Digital media 300dpi
PP CWD Ver 600 SD CWD Ver 600 : CWD for Digital media 600dpi
PP CWD Ver Slow SD CWD Ver Slow : CWD for Digital media Slow Speed
PP CWD Ver Slow SD CWD Ver HD : CWD for Digital media High Density
PP CWD Ver HD PP CWD Ver 300 : CWD for Pure Premium media 300dpi
PP CWD Ver HD PP CWD Ver 600 : CWD for Pure Premium media 600dpi
PP CWD Ver HD PP CWD Ver Slow : CWD for Pure Premium media Slow Speed
PP CWD Ver HD PP CWD Ver HD : CWD for Pure Premium media High Density
- ⑤ Status This checks the progress status for the update.
- ⑥ Indicator This shows the printer's current status, and the application operating command.
- ⑦ START Update start button
Clicking this button starts the update.
- ⑧ END End the update.
- ⑨ Status Bar Displays the progress status for the update.

4. Starting the Update

On the DP-DS820 Version Up Tool window, click the “START” button to begin the update.



When starting the update, if the printer has error, the following printer error will be displayed. The same error will be shown if the USB cable is disconnected or the power is off.

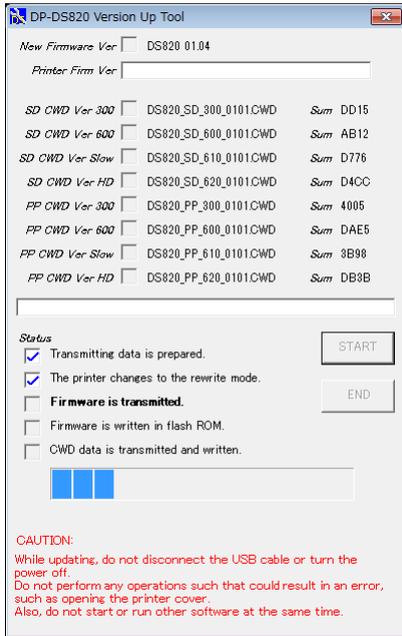


Printer Error

If there is an error, click “END” or close the window to stop DP-DS820 Version Up Tool, fix the error, be sure there are no errors (printer LED is green), and run DP-DS820 Version Up Tool again.

If the USB cable was disconnected or the power was off, check that the USB cable is connected and the power is turned on.

When you click “START” and start the update, the window display will change to the following, and you can check the update progress status.



! Notice !

While updating, do not disconnect the USB cable or turn the power off.
Do not perform any operations such that could result in an error, such as opening the printer cover.
Also, do not start or run other software at the same time.

When the printer enters the rewrite mode, the LED will change from green to flashing green. When the firmware update is complete, the printer’s buzzer will beep, the new firmware will be run automatically, and the color control data update will begin.

5. Finishing the update

When all the updates are complete, the window display will look like the following. Also, the printer LED will revert from flashing green to green. Confirm the New Firmware and New CWD Ver boxes are checked, and click the “END” button or close the window to end DP-DS820 Version Up Tool.

When all the updates are completed, reboot the host computer.
When the host computer is not rebooted, the new function might not be able to be used.

Confirmation

