

Release Note: DS-RX1HS Firmware Ver 2.21

2023/1/26

1. Description

Firmware DS-RX1_0221.s and its updater will be released for the following printers.

Printer name	Model	Destination	Timing
DS-RX1(HS) DS-RX1(S)HS IDW500	JR10-M01	All sales companies and regions except for PIE and ICN (China)	On this release
DS-RX1(HS) DP-ID600	DS-RX1	PIE	On this release
DS-RX1(HS) DS-RX1(S)HS	JR10-M01	ICN (China)	Released separately

2. Explanation of firmware changes

On this release, the compatibility for FPGA Cyclone 4 is added. This release also allows users to update the printers equipped with FPGA Cyclone 3 (current and alternative) to v2.21.

[Caution]

This firmware can be updated from DS-RX1HS series firmware Ver 2.xx. It is not possible to update from Ver 1.xx.

3. Change history of firmware

Version	Release No.	Release date	Changed contents
1.10	-	-	-
2.04	1512-02	2016/3/25	- Printing speed is improved. - Prints with low density and error sound if using media which is not supported with this version printer. - USB iSerialNumber is supported.
2.05	1604-02	2016/6/7	Change the print start position of ink ribbon.
2.06	1708-01	2017/8/10	Added 5x5 and 6x6 sizes.
2.07	1807-12	2018/08/31	Countermeasure when cutter error may occur in single cut mode.
2.10	2101-06	2021/06/29	Adding repair function on RFID data update failure due to power shut down without waiting print sequence completed.
2.10	2101-06-01	2021/07/28	Release of version up tool

			Added to DS-RX1(S)HS, IDW500 and DP-ID600 to Printer name in the table.
2.11	2111-13	2022/03/04	Supports alternative FPGA (Applicable to mass production of DS-RX1HS mounted with alternative FPGA)
2.11	2203-05	2022/06/26	Release of version up tool. (Applicable to conventional FPGA-mounted DS-RX1HS)
2.21	2212-18	2023/1/26	Support FPGA Cyclone 4

4. Information of "Version up tool"

- For 32bit OS: DS-RX1_0221x86_Direct.exe
- For 64bit OS: DS-RX1_0221x64_Direct.exe

You can update the firmware to Ver2.21 by using the above Version up tool.

Please refer to the attached document for how to use it.

[Supported OS]

Windows 7 (32/64bit), Windows 10 (32/64bit)

[Attention]

".Net Framework 4.x" is required to use the version up tool. If they are not installed, the ".NET Framework initialization error" message will be displayed when the version up tool is started. After installing ".Net Framework 4.x", re-execute the version up tool. ".Net Framework 4.x" that has been confirmed to work with DNPJ is ver4.0. But now ver4.61 or less had already stopped support from Microsoft.

The .Net Framework can be downloaded from Microsoft's Web page.