RICOH

RICOH Ri 2000 How to update



11th Oct, 2021

Version.1.0.2

•Before you begin

This manual describes procedure of update for RICOH Ri 2000. Read this manual carefully before update.

RICOH Ri 2000 has 2 manual firmware update methods. Follow the procedure described in this manual to update. For details, see below chapter.

- Update by using USB drive
- Update by connecting your PC and RICOH Ri 2000 with Ethernet cable

Note:

If you installed the Data Collector Module, you can be easy to update automatically. About how to install the Data Collector Module, please see the user manual of RICOH Ri2000.

Below are the steps to update manually.

•Update by using USB drive

Note:

Update by using USB drive is a function added in GIB version 1.11. If you are using an older version, please update via Ethernet.

1) Insert USB drive into PC and save updater files.

Save the folder "Ri_2000_Updater" to USB drive with the directory shown below.

File Home	Share View					~ ?
$\leftarrow \rightarrow ~ \checkmark ~ \uparrow$	→ This PC → USB Drive (E:)	v Ö v	Search USB E	Drive (E:)	
Name	^	Date modified	Туре	Size		
📜 Ri_2000_Upd	later	5/6/2021 2:39 PM	File folder			

📙 🗹 📜 ∓ Ri_2000_Updater — □ ×							
File Home	Share View				~ ?		
$\leftarrow \rightarrow \checkmark \uparrow$	🣕 « USB Drive (E:) > Ri_20	000_Updater	ب ن ب	Search Ri_2000_Updater			
Name	^	Date modified	Туре	Size			
📜 Ri2000_updat	ter_20210624	6/25/2021 10:01 AM	File folder				
🧰 Ri-2000 How to update.pdf		6/25/2021 10:01 AM	Microsoft Edge PD 224 KB				
🔊 Ri-2000 Updater.exe		6/25/2021 10:01 AM	Application	114 KB			

Note:

Use a USB drive with the following specification.

Format: FAT32

Capacity: 32GB or less recommended.

Be sure to save files in the above directory.

If files are saved in different directory, firmware cannot update normally. USB drive is not included in this product, please prepare USB drive yourself.

2) Remove the USB drive, insert into the front USB port.



3) Press the Settings tab.

🔗 Ready	2	5.0°C 60.0% 🚺 🚺
	STORED JOB	USB
	PRINT START	STOP
* 🛡	→	₽

4) Press [OPTION].

Peady	\rightarrow	25.0°C 60.	0% 🚺 🚺
INK PATH CONTROL	© — 0 — 0 — 0 PTION	INF	ORMATION
* 🖓	→ ←	5	\$

5) Press [USB UPDATE].



Update automatically in order of Panel (GIB), Sub Control (SCB) and Engine (CTL).
Follow the steps below to update each firmware.

IMPORTANT!

Do not turn off RICOH Ri 2000 or remove the USB drive during updating. It may cause the printer failure.

•When update is failed

If the following is displayed or if you have started to update but there is nothing displayed about the firmware update, the update may have failed.



If update is failed, please reboot the printer.

Afterwards, update once again in order from Panel (GIB).

•Firmware update (Panel (GIB))

1) After sending the updater, press [OK] when the screen below is displayed.



2) Press [Install].

	al 📋 9:08
🗊 Ri-2000	
Do you want to install this application?	
Allow this application to:	
Storage modify/delete SD card contents	
Network communication full Internet access	
System tools modify global system settings, set time zone	
Show all	~
Cancel	Install

3) After install completed, press [OPEN] when the screen below is displayed.

Note:

Don't press [Done].

	A 🗎 9:15
🍠 Ri-2000	
✓ Application installed	
Done	Open

Panel (GIB) reboot automatically after press [Open].

Please wait until displayed "Ready" in panel.

Afterwards, Sub Control (SCB) and engine (CTL) start to update automatically.

Note:

If you press [Done], the screen below is displayed.

A		🔏 📋 4:39
	Complete action using	
	Launcher	
	Ri-2000	
	Use by default for this action.	

In this case, be sure to follow the steps below.

1. Don't put check mark in "Use by default for this action.".

A		🖌 📋 4:39
	Complete action using	
	Launcher	
	🐲 Ri-2000	
	Use by default for this action.	

2. Press [Ri-2000 (RICOH Ri 2000)].

A		🔏 📋 4:39
	Complete action using	
	Launcher	
	🐲 Ri-2000	
	Use by default for this action.	

IMPORTANT!

You must not follow the steps different from the above.

The printer may become unrecoverable by user.

•Firmware update (Sub Control (SCB) / Engine (CTL))

1) After sending the updater, wait until the dialog below disappears.

Error: Fron	t Cover Open		30.0 °⊂ 38	.7%
		Update		
				USB
		Updating Please wait.		
c				STOP
1		→	5	\$

2) After dialog disappears, wait until displayed "Ready" in panel.

🛛 Ready		\gg	25.0 °C 60.0	0%
O COPIES		STORED JOB		USB
*	\Box	→ ←	<u>-</u> -	\$

These completes all updates.

•Update by connecting your PC and RICOH Ri 2000 with Ethernet cable

IMPORTANT!

Do not disconnect any cable (Communication, Power, and so on) during updating.

Make sure that update firmware is the latest one published on the web.

Do not downgrade, downgrade is not granted.

When update by this method, it is necessary to disable DHCP setting of the IP address.

1) Run "Ri-2000 Updater.exe"



2) Key-in the printer IP address to update.

Ri-2000 Updater	—	\times
Printer IP Addres: 192 . 168 . 0 . 3		

3) Select Firmware Set.

🌮 Ri-2000 Updater		0000		×
Printer IP A	ddres: 192 . 168 . 0 . 3			
Firmware S	et 2000_updater_20210624	~		
	Ri2000_updater_20210624			
Panel	GIB_v1.10.0.apk	~	Updat	e
Sub Control	SCB_v1.04.210331.bin	~	Updat	e
Engine	CTL_v1.02.0_417R	~	Updat	e

4) Click [Update] to send new firmware.

Please update in order of Panel (GIB), Sub Control (SCB) and Engine (CTL).

Note:

You should always update Panel (GIB) first.

Make sure that "Ready" is displayed in panel each update, then update next firmware.

5) Sending firmware done and then start to update.

The following steps are as same as steps of "Update by using USB drive".

Note:

Sub Control (SCB) and Engine (CTL) do not start update automatically by this method. You should update in order of Panel (GIB), Sub Control (SCB) and Engine (CTL) manually. Therefore, Click [Update] in the above order.

These completes all updates.