

Gyrfalcon S8000 / S4000 Firmware Upgrade Guide

This document provides detailed instructions on how to upgrade the firmware of the **Gyrfalcon S8000** and **Gyrfalcon S4000**, covering Windows, Linux, and macOS operating systems, as well as important precautions.

1. Why Upgrade the Firmware?

Firmware upgrades provide the following benefits:

- **Feature Enhancements:** Add new features or improve existing functionality to enhance the user experience.
- **Bug Fixes:** Resolve known issues and improve system stability and reliability.

Therefore, it is recommended to upgrade the firmware promptly whenever a new official version is released, ensuring optimal device performance.

2. Preparation Before Upgrading

Before starting the upgrade process, please prepare:

- A computer running Windows, Linux, or macOS
 - The supplied power adapter
 - A USB data cable
 - The official firmware upgrade tool
 - The correct firmware file for your device model
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3. Windows Upgrade Method (Graphical Tool)

Windows users can upgrade the firmware using the official graphical firmware upgrade tool.

Upgrade Procedure

1. Connect the S8000 or S4000 to the supplied power adapter and power it on, allowing the device to complete initialization and enter **TOV**.
2. Connect the device to the computer using a USB data cable.
3. Launch the firmware upgrade tool.
4. Select the correct **COM port** in the upgrade tool.
5. Select the firmware file path.
6. Click **“Connect”** to establish communication.
7. Click **“Update Firmware”** and wait patiently for approximately 2–3 minutes until the upgrade is completed.

After completion, confirm that the device restarts and resumes normal operation.

4. Linux Upgrade Method

Linux supports both graphical and command-line upgrade methods.

Method 1: Graphical Tool

The procedure is the same as on Windows:

1. Connect the S8000 or S4000 to the supplied power adapter and power it on, allowing the device to complete initialization and enter **TOV**.
 2. Connect the device to the computer using a USB data cable.
 3. Launch the firmware upgrade tool.
 4. Select the correct **COM port** in the upgrade tool.
 5. Select the firmware file path.
 6. Click **"Connect"** to establish communication.
 7. Click **"Update Firmware"** and wait patiently for approximately 2–3 minutes until the upgrade is completed.
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Method 2: Command Line

For the Linux command-line upgrade method, please refer to the official guide:

https://enovapura.com/firmware_update_guide_linux/

Follow the instructions on the webpage to execute the required commands.

5. macOS Upgrade Method

Currently, macOS supports firmware upgrades via command line only.

Please refer to the official guide:

<https://enovapura.com/firmware-update-guide-mac-terminal/>

Follow the instructions in Terminal to complete the upgrade process.

6. Important Notes

- If the upgrade process does not start or is interrupted, power cycle the device, close the upgrade tool, reopen it, and repeat the above steps.
 - Do not press any buttons during the upgrade process (including ENTER/SETUP).
 - No additional user operations are required during the upgrade.
 - Ensure continuous power supply throughout the upgrade process. Do not disconnect the power or USB cable.
 - Do not close the upgrade software or shut down the computer before the upgrade is completed.
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7. Conclusion

By following the above instructions, you can successfully upgrade the firmware of the Gyrfalcon S8000 and S4000. We recommend regularly checking for official firmware updates to maintain optimal performance and system stability.

If you encounter any issues during the upgrade process, please contact technical support for assistance.