

Manual software update of SD 312 SvanLINK controller

What you need

- USB flash drive (at least 1 GB, exFAT format)
- Computer with internet access
- SD 312 controller with power cable

Step 1 — Download the latest software

Go to the SD 312 product page and download the latest **SD312.zip** file:

<https://svantek.com/accessories/sd-312-indoor-svanlink-controller/>

Step 2 — Prepare the USB drive

2.1 Format the USB drive as exFAT

Windows: Open File Explorer, right-click the USB drive and select **Format**. Set **File system** to **exFAT**, then click **Start**.

Mac: Open **Disk Utility**, select the USB drive, click **Erase**. Set **Format** to **ExFAT**, then click **Erase**.

exFAT is required because the drive name is case-sensitive — FAT32 converts all labels to uppercase and the update will not run.

2.2 Name the USB drive

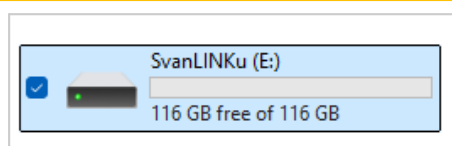
After formatting, rename the USB drive to exactly:

SvanLINKu

■ ■ Case-sensitive name

The drive name must be **exactly SvanLINKu** — capital S, capital L, capital K, lowercase u.

Any difference (e.g. "svanlinku" or "SVANLINKU") will prevent the update from running.

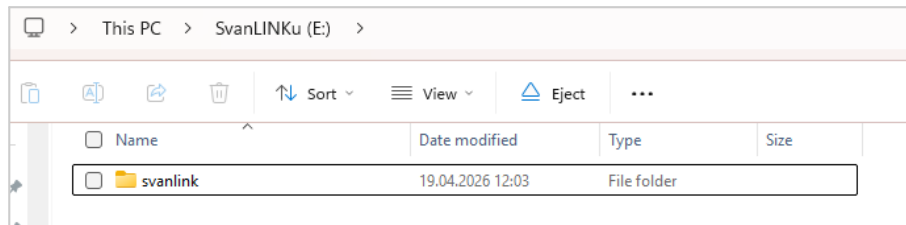


Example: correctly named drive as seen in Windows Explorer.

2.3 Copy the update files

Extract the contents of **SD312.zip** directly to the **root directory** of the USB drive.

After extraction, the USB drive must contain a folder named **svanlink** in its root. Do not place it inside any additional subfolder.



Example: correct folder structure — "svanlink" folder visible at the root of the drive.

Step 3 — Run the update on the SD 312

- a. Turn on the SD 312 and wait for it to fully boot up (approximately 30 seconds).
- b. Insert the USB drive into the USB port on the SD 312.
- c. Wait — the SD 312 will automatically process the update and then shut down on its own. This may take a few minutes.
- d. Once the SD 312 has shut down, remove the USB drive.
- e. Reconnect the power cable. The SD 312 will restart with the new software installed.

■ ■ Do not interrupt the update

Do **not** remove the USB drive or disconnect the power cable while the SD 312 is running the update. Interrupting the process may corrupt the device firmware.

Step 4 — Verify the update

After the SD 312 has restarted, verify the software version in the SvanLINK web interface or the device display.

If the update did not complete successfully, repeat the procedure from Step 2 and ensure the USB drive name and file structure are correct.