

Firmware update

To upgrade the firmware (FW) of the WCC Lite, open the web interface and navigate to **System → Backup / Flash Firmware**.

Note that after upgrading, the WCC Lite will revert to default settings. To preserve existing configurations, enable the checkbox to **Keep settings** (which saves all settings) or **Keep only network settings** if needed. However, using the **Keep settings** option is only safe when the firmware version change is minor—i.e., only the third version number differs (for example, 1.6.2 → 1.6.3). Using this option across major version jumps may corrupt settings.

To begin the upgrade, click **Choose File**, select the previously downloaded `sysupgrade` file, and then press **Flash Image**.

The screenshot shows the WCC Lite web interface. The top navigation bar has tabs: PROTOCOL HUB, STATUS, SYSTEM (selected), SERVICES, NETWORK, USERS, LOGOUT (ROOT), and WCC LITE. Below this is a secondary navigation bar with tabs: SYSTEM, ADMINISTRATION, SOFTWARE, STARTUP, SCHEDULED TASKS, MOUNT POINTS, BOARD, and CERTIFICATE STORAGE. The 'SYSTEM' tab is expanded, showing sub-tabs: LED CONFIGURATION, TIME SYNC, BACKUP / FLASH FIRMWARE (selected), and REBOOT. The 'Flash operations' section is displayed, with two sub-sections: 'BACKUP / RESTORE' and 'FLASH NEW FIRMWARE IMAGE'. In the 'FLASH NEW FIRMWARE IMAGE' section, the 'Image:' field is highlighted with a red box, showing a 'Choose file' button, 'No file chosen' text, and a 'Flash image...' button.

Starting from version **1.10.0**, signed firmware validation was introduced. Firmware files from this version onward will have the `.bin.tar.gz` extension. WCC Lite versions **older than 1.10.0** do not support uploading `.bin.tar.gz` files directly. In such cases, you must extract the downloaded file twice until it becomes a `.bin` file. This step is necessary only if upgrading from an earlier version like 1.9.3 to 1.10.0 or newer.

A pop-up will appear prompting you to confirm the upgrade process within 120 seconds, or the upgrade will be canceled. Click **OK** to proceed.

PROTOCOL HUBSTATUSSYSTEMSERVICESNETWORKUSERSLOGOUT (ROOT)

SYSTEMADMINISTRATIONSOFTWARESTARTUPSCHEDULED TASKSMOUNT POINTSBOARDCERTIFICATE STORAGE

LED CONFIGURATIONTIME SYNCBACKUP / FLASH FIRMWAREREBOOT

Flash Firmware - Verify

The flash image was uploaded. Below is the checksum and file size listed, compare them with the original file to ensure data integrity. Click "Proceed" below to start the flash procedure.

Checksum
MD5: df583b3052f3e5a09b7ad3dfb8a3745b
SHA256:
Size: 12.50 MB (15.62 MB available)
Note: Configuration files will be erased.

🌐 192.168.73.202

You have 120 seconds to complete firmware flash!

OK

The next window will display a firmware verification step. Ensure that the checksum shown matches the one provided on the downloads page. It is recommended to check at least the first 5 characters of the checksum. Click **Proceed** to continue.

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Note: Configuration files will be erased.

Cancel

Proceed

You will then see a page indicating that the system is flashing the firmware. This page is for display purposes only, you may close it if needed.

System - Flashing...

The system is flashing now.
DO NOT POWER OFF THE DEVICE!
Wait a few minutes before you try to reconnect. It might be necessary to renew the address of your computer to reach the device again, depending on your settings.

⚙️

Waiting for changes to be applied...

⚠️

Do not power off the device during this process, as this will corrupt the firmware and render the device inoperable.

After approximately 10 minutes, you can attempt to reconnect to the WCC Lite.