

# Firmware update

To upgrade the FW of wcc lite, in the web interface go to system -> backup/flash firmware and upload the downloaded sysupgrade file by browsing for it and then pressing flash image. The keep settings box can be marked if the old settings are needed and the FW version change is minor (that is, the third number changed: 1.6.2 -> 1.6.3).

**Flash operations**

Actions Configuration

**BACKUP / RESTORE**

Click "Generate archive" to download a tar archive of the current configuration files. To reset the firmware to its initial state, click "Perform reset" (only possible with squashfs images).

Download backup:

Reset to defaults:

Get System Diagnostic Report:

To restore configuration files, you can upload a previously generated backup archive here.

Restore backup:  No file selected.

**FLASH NEW FIRMWARE IMAGE**

Upload a sysupgrade-compatible image here to replace the running firmware. Check "Keep settings" to retain the current configuration (requires a compatible firmware image).

Keep settings:

Image:  No file selected.

A pop-up should be presented to inform that the verification process can take no more than 120 seconds.

**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!

There you should see a checksum that you need to make sure matches the provided in the downloads page (at least 5 symbols should be checked).

PROTOCOL HUB    STATUS    **SYSTEM**    SERVICES    NETWORK    USERS    LOGOUT (ROOT)    

SYSTEM    ADMINISTRATION    SOFTWARE    **STARTUP**    SCHEDULED TASKS    MOUNT POINTS    BOARD    CERTIFICATE STORAGE

LED CONFIGURATION    TIME SYNC    **BACKUP / FLASH FIRMWARE**    REBOOT

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After that, a new page opens that indicates that the system is flashing. This page is only visual, so you can exit out of it. When the FW is flashing you can **not** power off the device, the FW will get corrupted and the device will stop working.

#### 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...

After 10 minutes you can try connecting to the wcc lite once again.

🕒 Revision #4  
★ Created 14 June 2022 07:08:08 by Lukas Tarozza  
🔧 Updated 25 July 2023 14:49:16 by Lukas Tarozza