

# CCGX: Updating firmware

## 1. Using the right procedure

Depending on the installed firmware version, the update procedure differs.

Running firmware version v1.74 or earlier? An upgrade is needed. Follow [the upgrade procedure to v2.00](#).

Already on firmware version 2.00 or later, continue reading on this page.

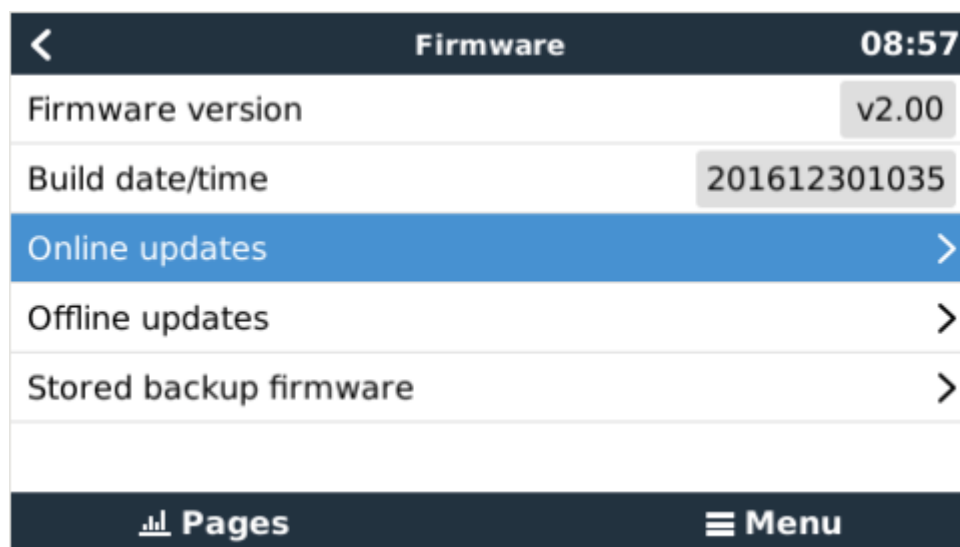
## 2. Update procedure when v2.00 is already installed

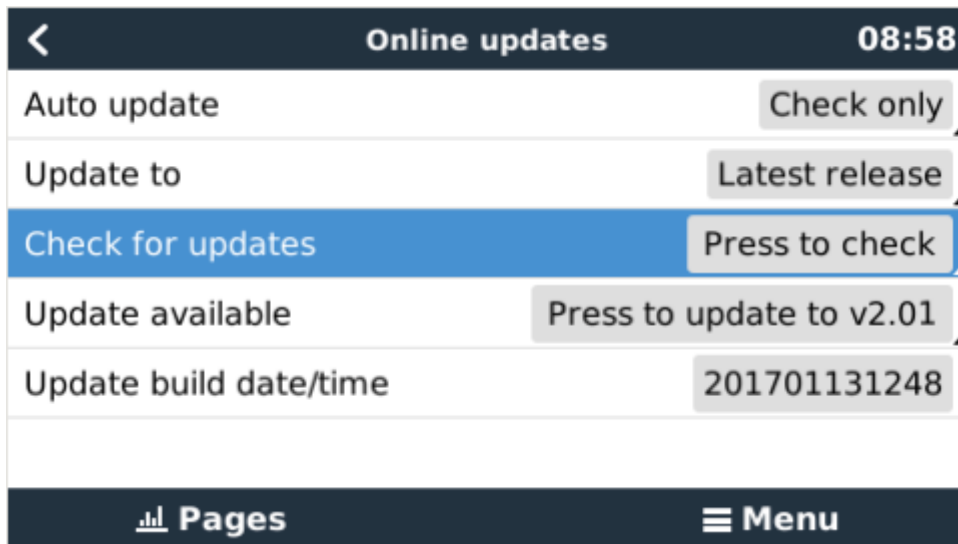
There are two ways to update the firmware of a CCGX:

1. Update it via the internet, either manually or let it check for new updates every day
2. Update it from an microSD-card or USB-stick

### 2.1 Direct download from the internet

To update from the internet, navigate to: **Settings**→ **Firmware**→**Online updates**.





## 2.2 microSD-card or USB-stick

Updating with a microSD-card or USB-stick is called 'Offline updating'. Use it when updating a device that is not connected to the internet.

### Step 1. Download

Get the latest swu file:

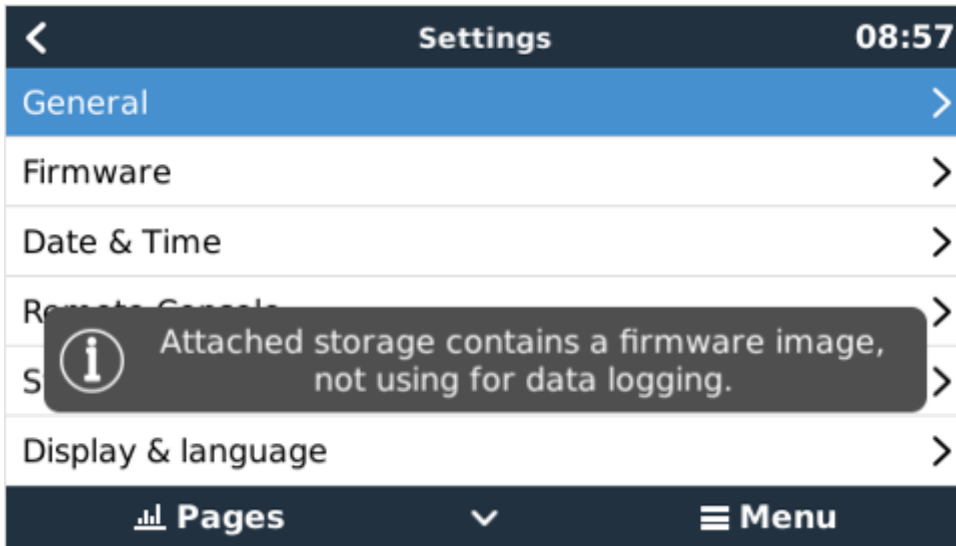
<https://updates.victronenergy.com/feeds/venus/release/images/ccgx/venus-swu-ccgx.swu>

### Step 2. Install on an sdcard or usb stick

Store the file in the root folder of a USB stick or microSD card.

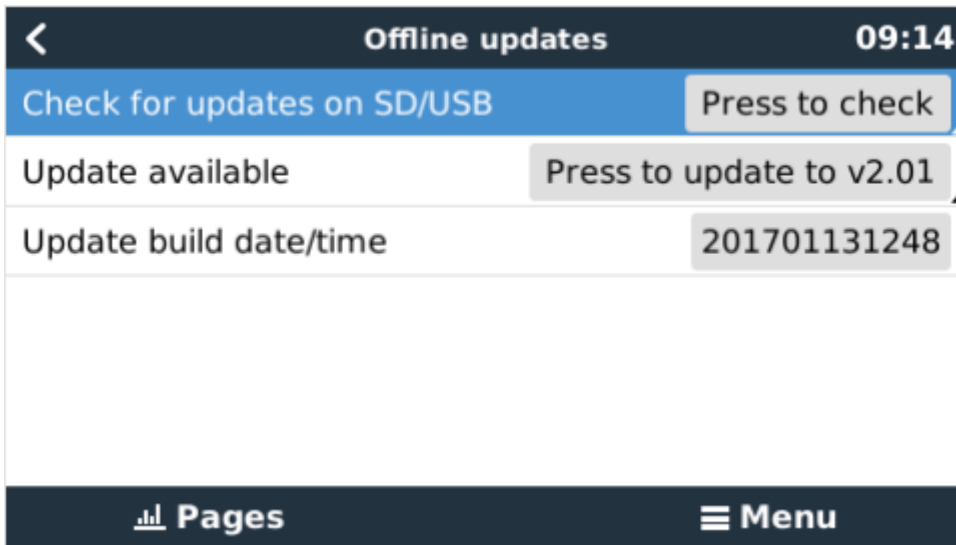
### Step 3. Insert the device into the CCGX

Note that you will see a warning "Not using media for storing logs". That warning can safely be ignored.



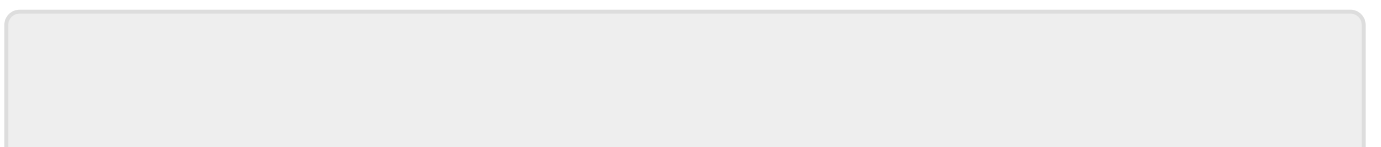
### Step 4. Initiate the update

- Navigate to **Settings** → **Firmware** → **Offline updates**.
- Press Check for updates
- If the firmware in the microSD card or USB stick is newer than the running one "Update available" item will appear, press it to start the update process.



### DISQUS Comments

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