

# Updating firmware for CCGX and Venus GX

## 1. Using the right procedure (CCGX only)

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](#).

When the device already has software version v2.00 or later, follow instructions below.



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

There are two ways to update the firmware:

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**.

<	Firmware	08:57
Firmware version	v2.00	
Build date/time	201612301035	
Online updates	>	
Offline updates	>	
Stored backup firmware	>	
 Pages		 Menu

<	Online updates	08:58
Auto update	Check only	
Update to	Latest release	
Check for updates	Press to check	
Update available	Press to update to v2.01	
Update build date/time	201701131248	
Pages		Menu

## 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:

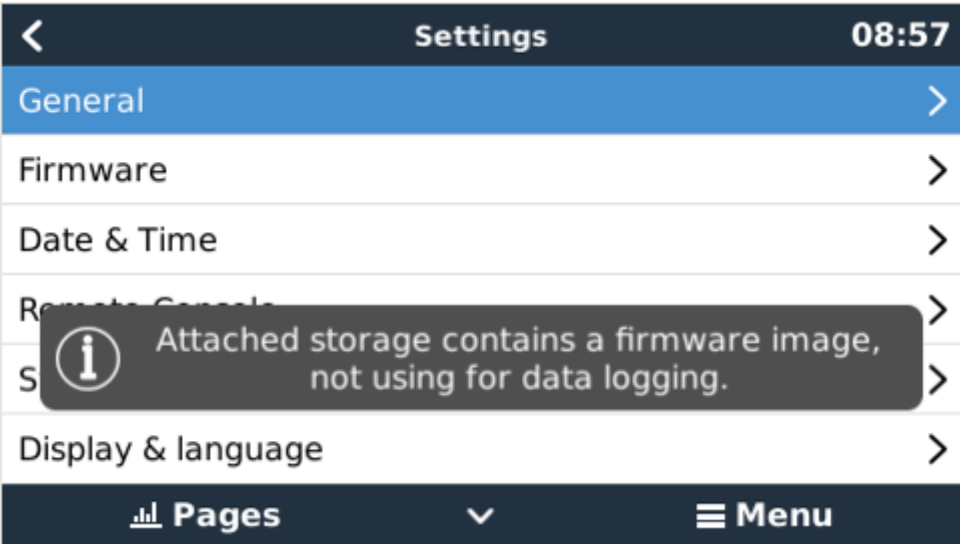
- CCGX:  
<https://updates.victronenergy.com/feeds/venus/release/images/ccgx/venus-swu-ccgx.swu>
- Venus GX:  
<https://updates.victronenergy.com/feeds/venus/release/images/beaglebone/venus-swu-beaglebone.swu>

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

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

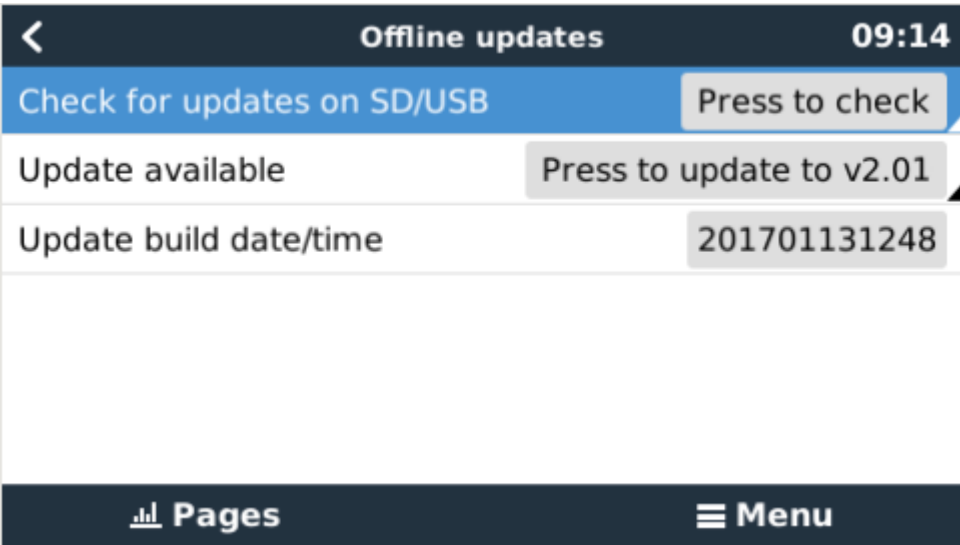
### Step 3. Insert the device

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



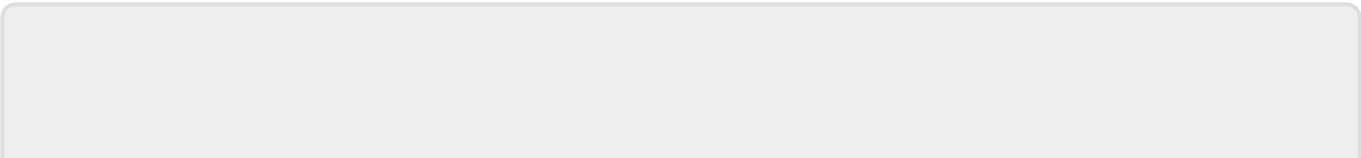
Step 4. Initiate the update

- 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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Permanent link:

[https://www.victronenergy.com/live/ccgx:firmware\\_updating?rev=1503820871](https://www.victronenergy.com/live/ccgx:firmware_updating?rev=1503820871)

Last update: **2017-08-27 10:01**

