

How to update Venus-OS

These instructions apply to all [Venus-devices](#) that run the Venus OS:

- Color Control GX (CCGX)
- Venus GX (VGX)
- Octo GX (OGX)
- CANvu GX (CGX)

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](#).

Otherwise follow instructions below.



2. Via internet or with microSD-card/USB-stick

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 a 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:

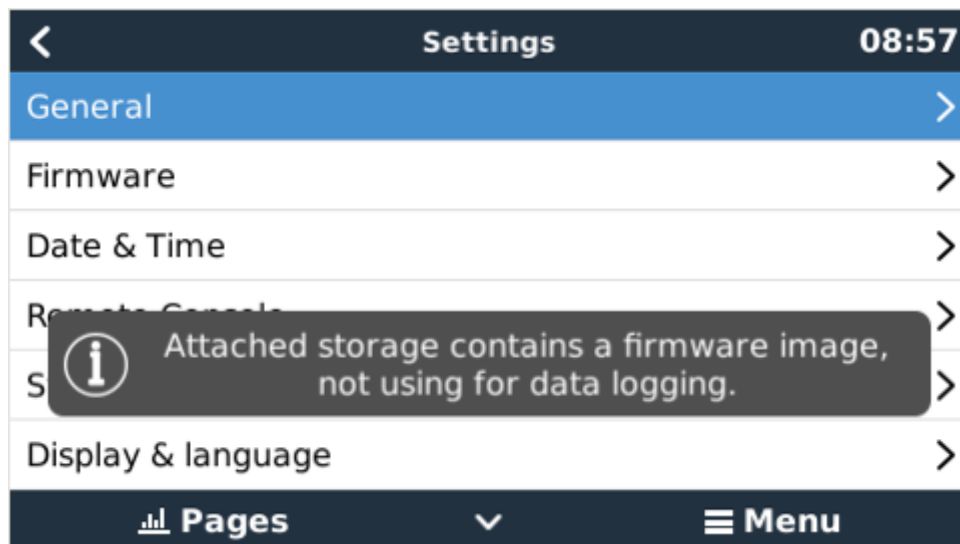
- CCGX: [venus-swu.ccgx.swu](#)
- Venus GX: [venus-swu-beaglebone.swu](#)

Step 2. Install on an sdcard or usb stick

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

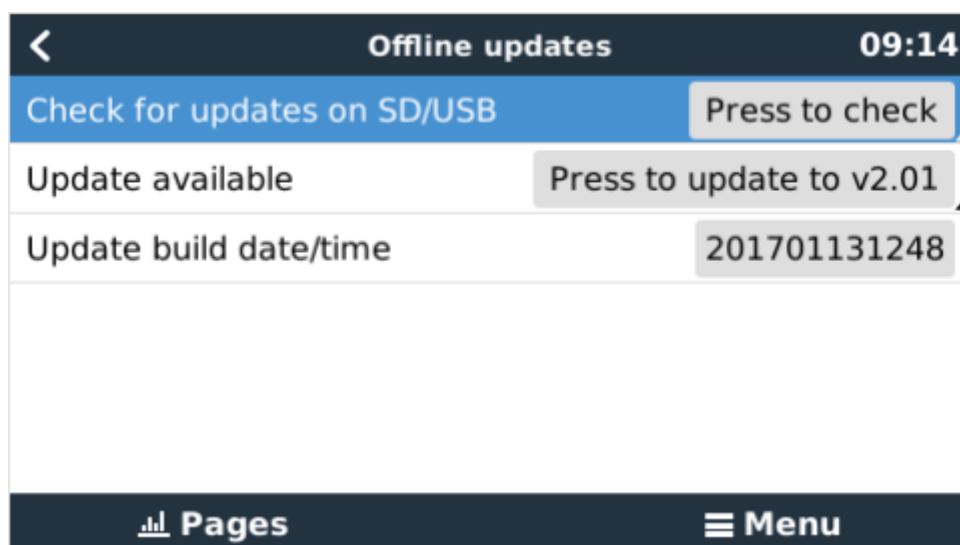
Step 3. Insert the device

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.



From:

<https://www.victronenergy.com/live/> - Victron Energy

Permanent link:

https://www.victronenergy.com/live/ccgx:firmware_updating?rev=1548064767

Last update: **2019-01-21 10:59**

