# 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.

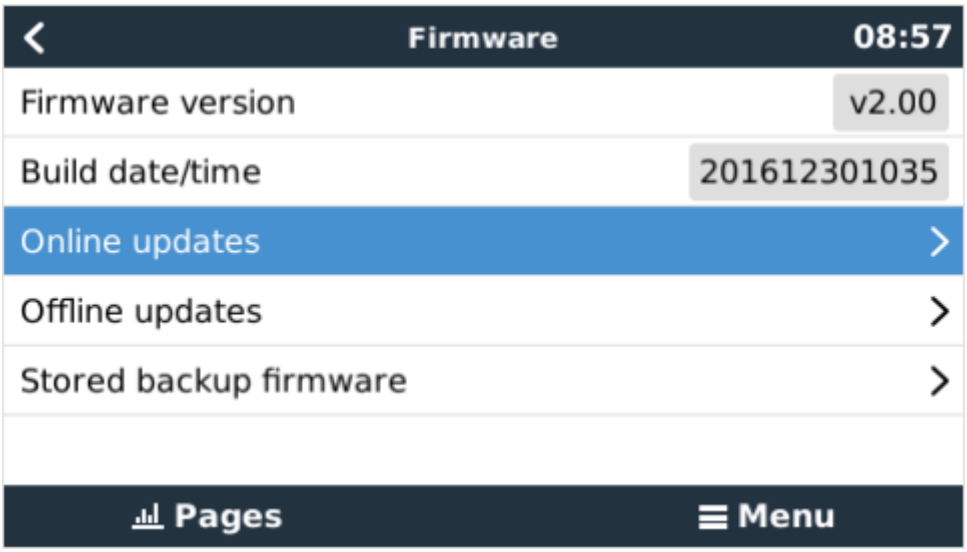
## 2. Via internet or with microSD-card/USB-stick

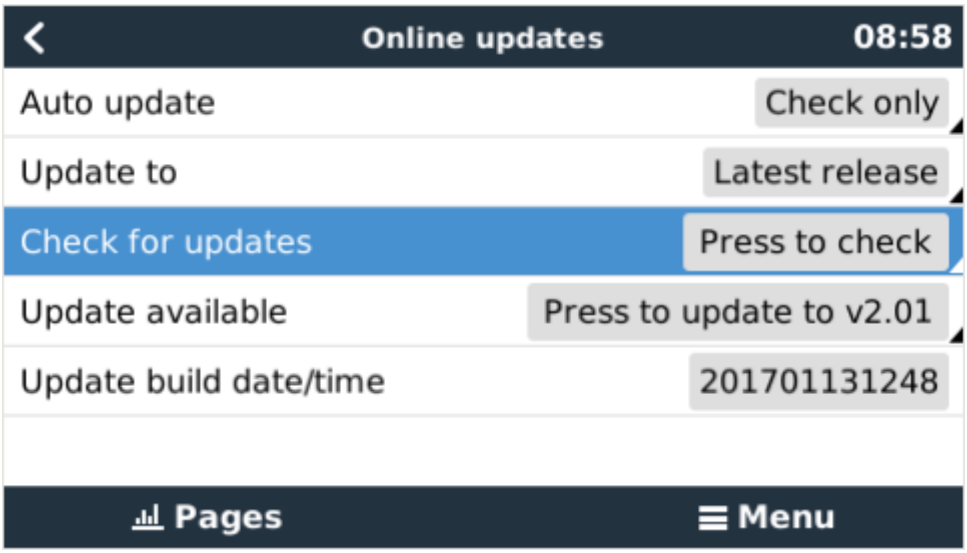
There are two ways to update the firmware:

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.**






## 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:

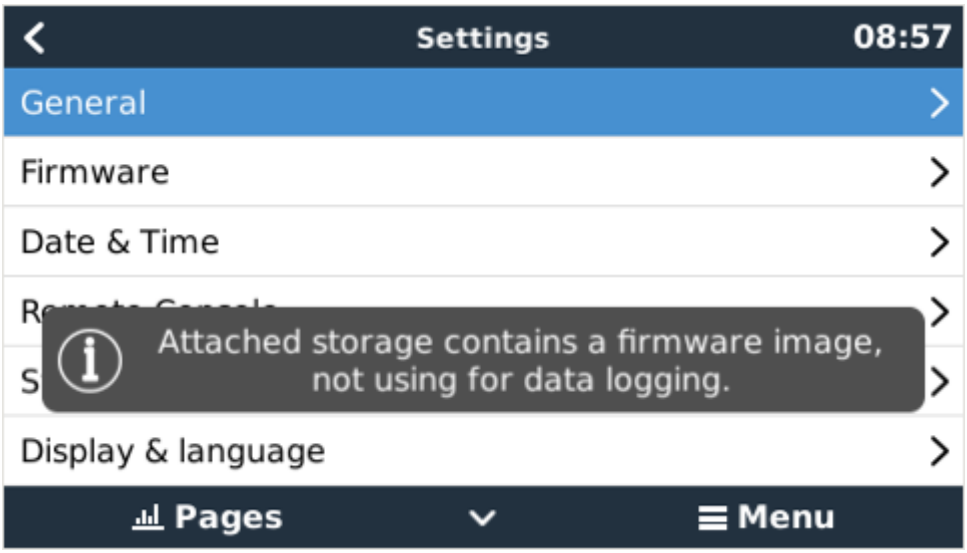
- CCGX: venus-swu.ccgx.swu
- Venus GX: venus-swu-beaglebone.swu

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

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

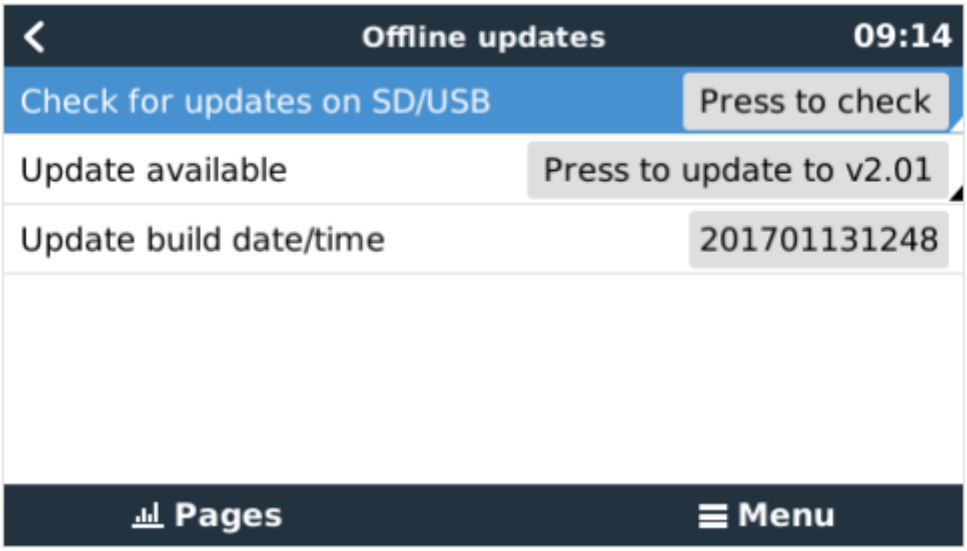
### Step 3. Insert the device

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 09:59**