

# 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.

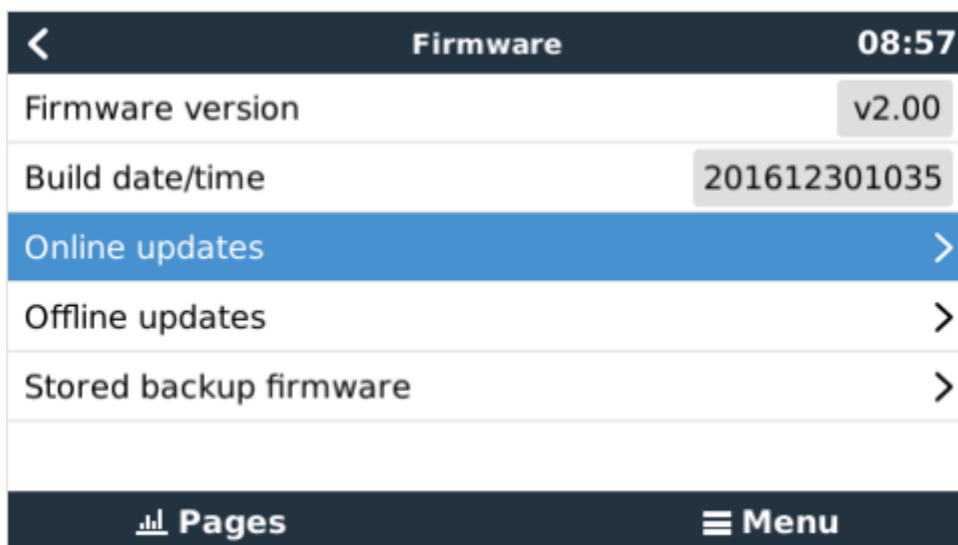
## 2. Via internet or with microSD-card/USB-stick

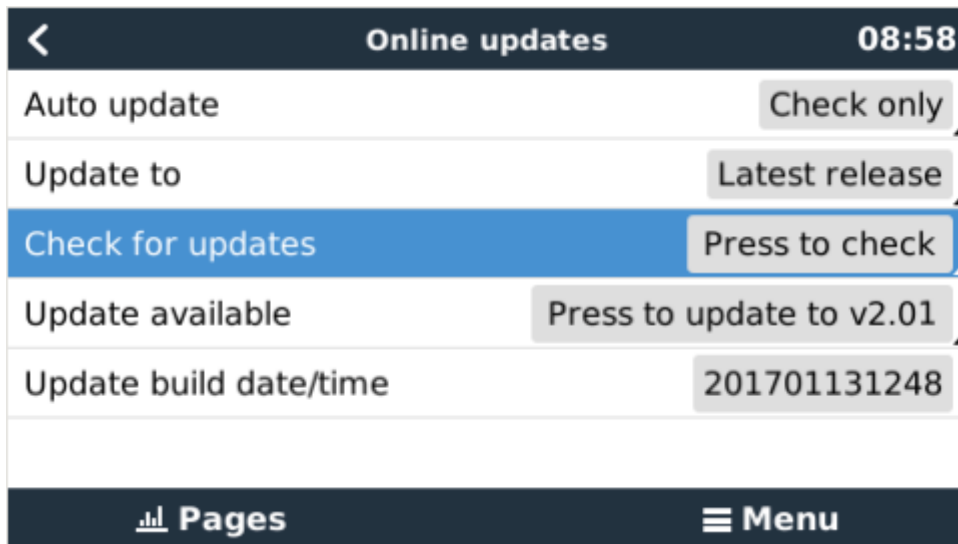
There are two ways to update the firmware:

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:

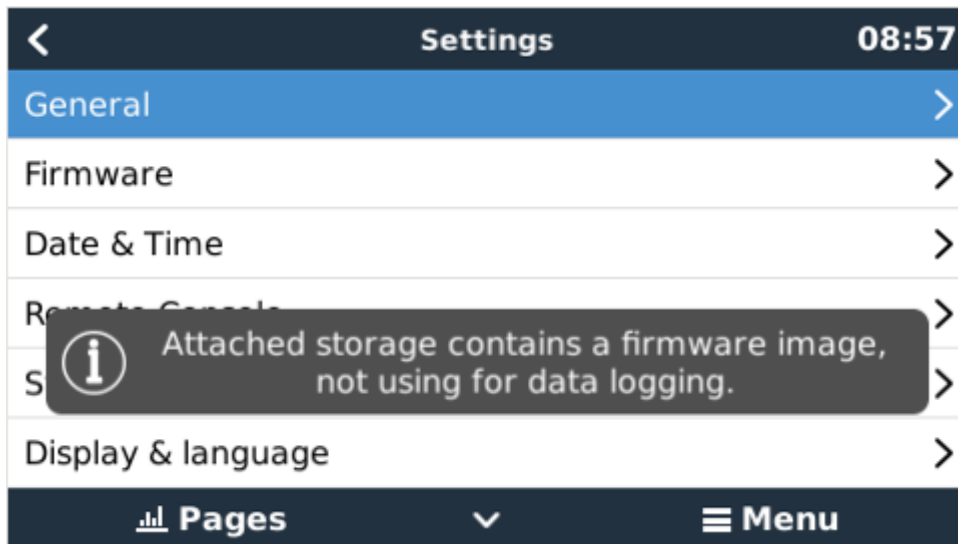
- CCGX: [venus-swu.ccgx.swu](#)
- Venus GX: [venus-swu-beaglebone.swu](#)

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

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

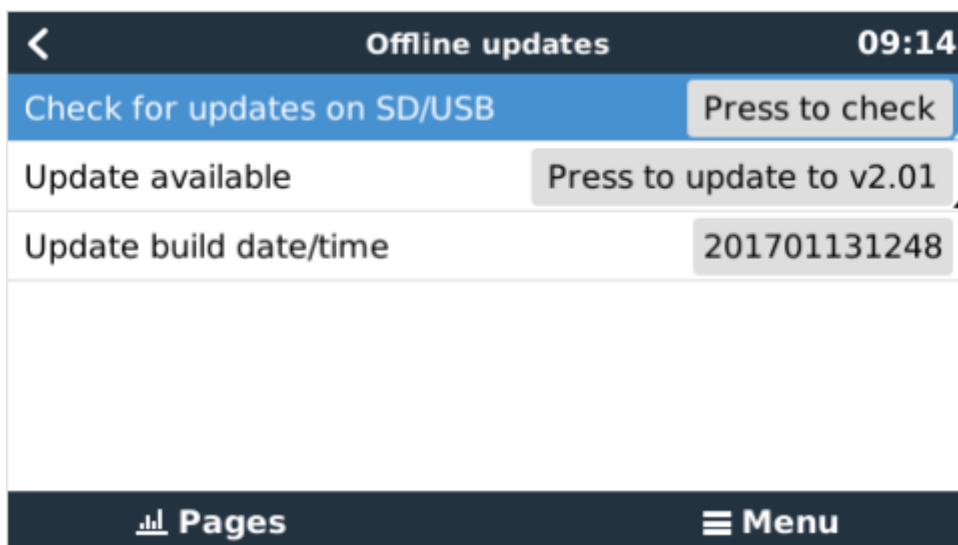
### Step 3. Insert the device

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

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

