

# How to update a GX device

These instructions apply to all [GX Devices](#), such as the Color Control GX (CCGX) and Venus GX (VGX).

## 1. Changelog

The change log is available in [Victron Professional](#).

## 2. 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.

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

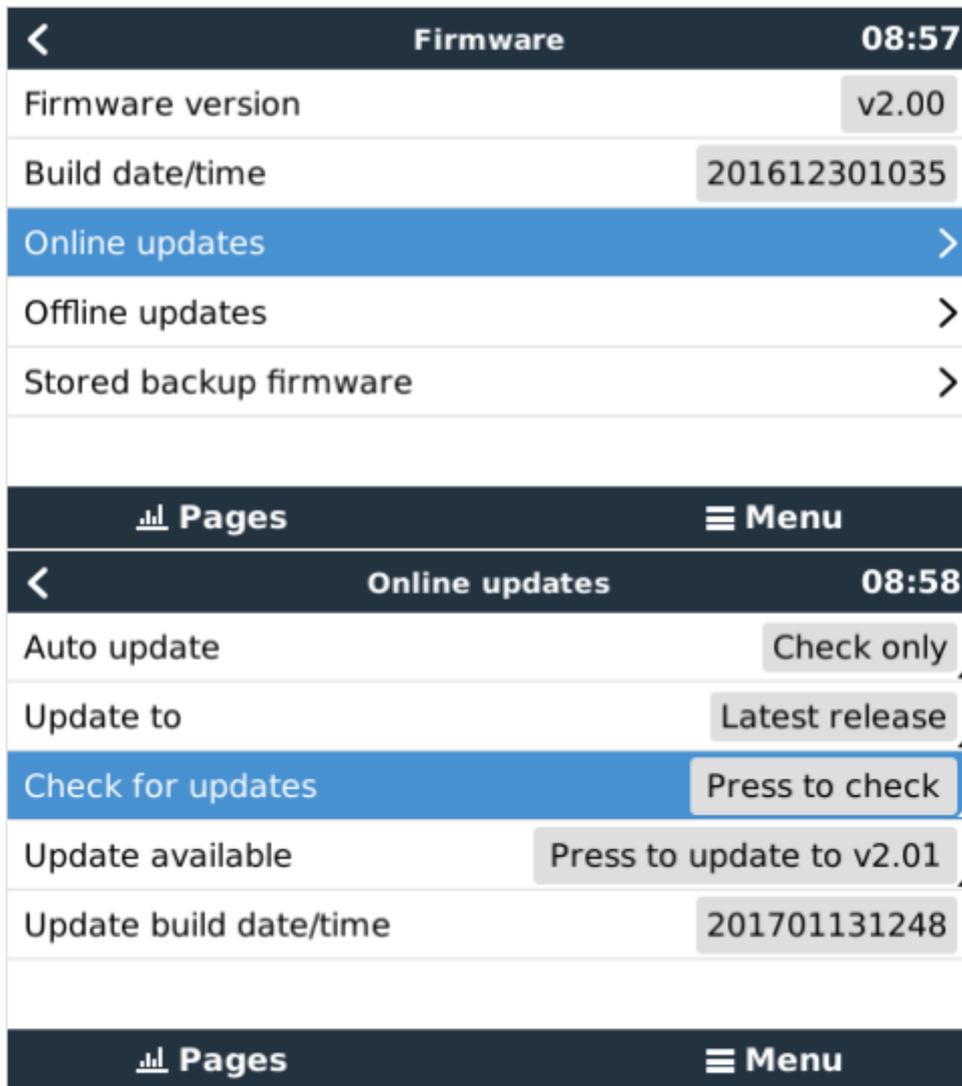
There are two ways to update the firmware:

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

### 3.1 Direct download from the internet

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

On GX devices without a display (ie. a Venus GX or Cerbo GX without GX Touch), use [Remote Console to get to below menus](#).



### 3.2 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:

- Cerbo GX: [venus-swu-einstein.swu](#)
- Color Control GX: [venus-swu-ccgx.swu](#)
- Venus GX & Octo GX: [venus-swu-beaglebone.swu](#)
- GX Card in the MultiPlus-II or EasySolar GX: [venus-swu-nanopi.swu](#)
- CANvu GX: [venus-swu-canvu500.swu](#)

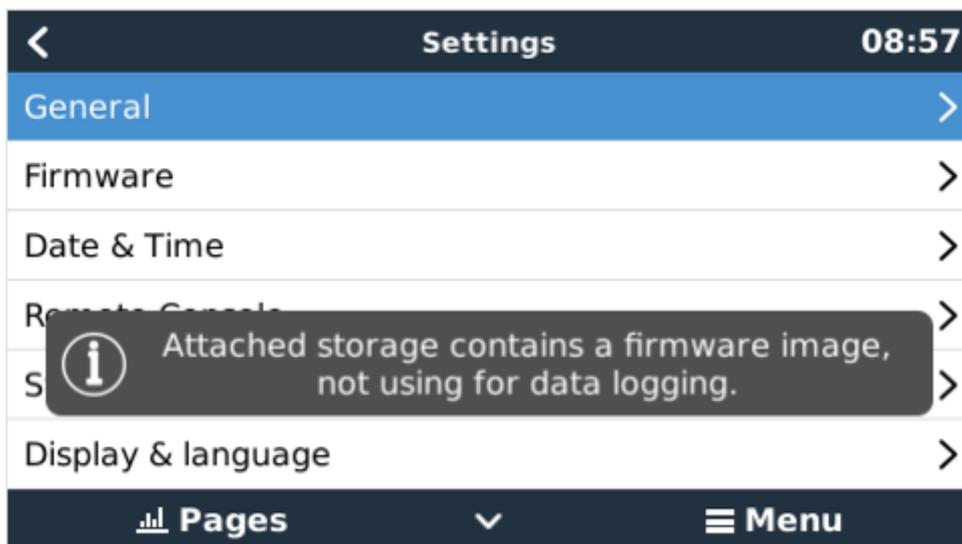
Note that the same files, and the change log, is available on [Victron Professional](#). That also features a dropbox connection, so you can always have the latest file available on your laptop.

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

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

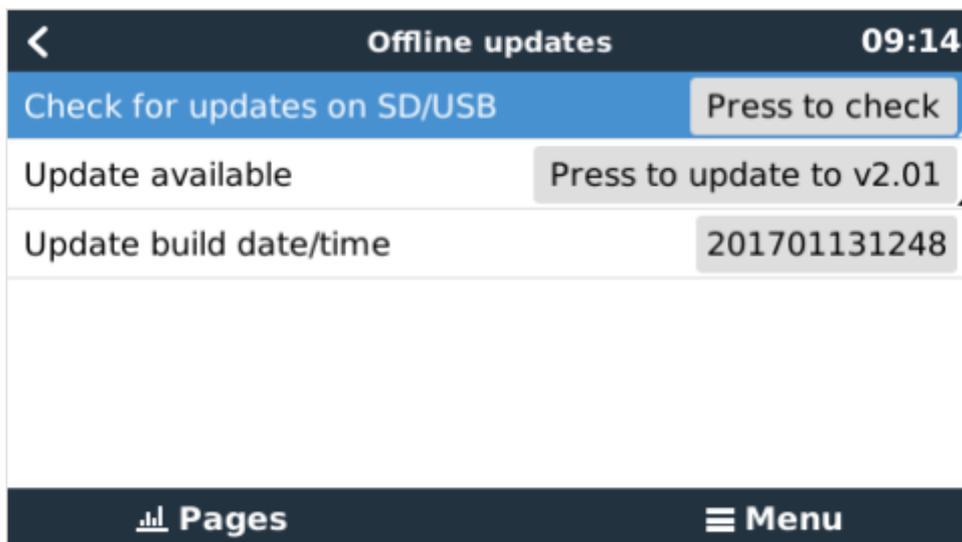
## Step 3. Insert the device

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=1601641684](https://www.victronenergy.com/live/ccgx:firmware_updating?rev=1601641684)

Last update: **2020-10-02 14:28**

