

Updating software of Marvelmind Super-Modem.

Version 2020.04.19

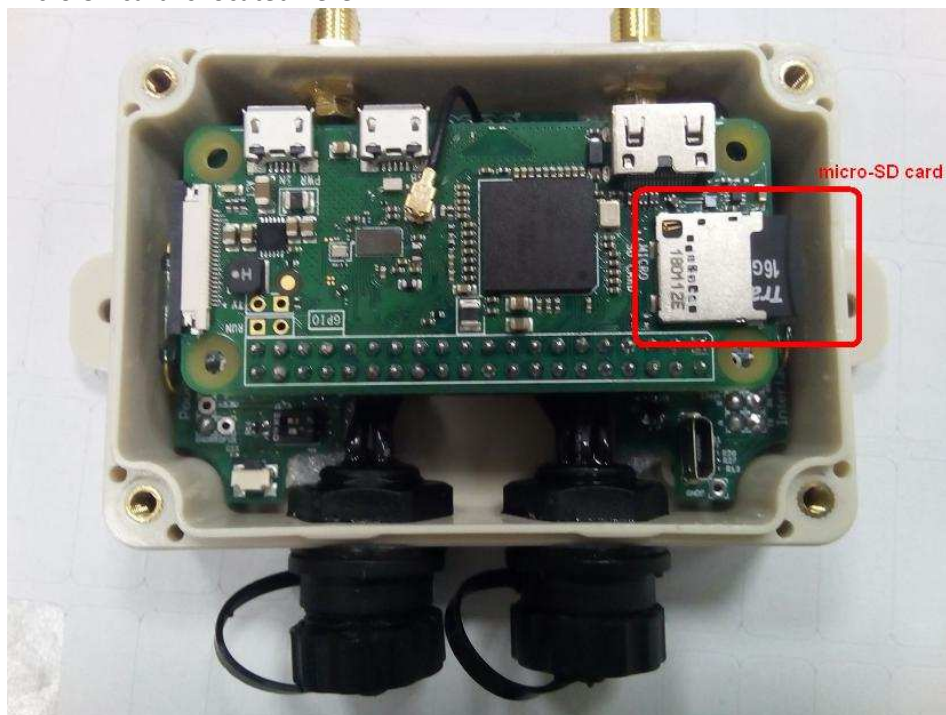
Marvelmind Super-Modem software consists of two parts:

- Low level firmware;
- High level software for integrated Raspberry Pi single-board computer.

Low level firmware is placed in general software package with all Marvelmind software in 'Super-Modem' folder. This firmware can be updated via dashboard (hex file) or via DFU (dfu file) like other firmware in the package. Please refer to operating manual for details of updating software via dashboard or dfu.

High level software is located on micro-SD card inserted in the Raspberry Pi single-board computer inside Super-Modem. To update this software you should write on this micro-SD card the image of micro-SD card with updated software. You can download the image on downloads page (<https://marvelmind.com/download/>). The image is placed in archive separately from general software package because its size is pretty large (archive is about 1.5...2 Gbytes).

Micro-SD card is located here:



To update the software you need to:

- open Super-Modem enclosure
- eject the micro-SD card (Super-Modem should not be powered at this time);
- insert micro-SD card into any MS Windows computer via card reader;
- download and unpack the archive with image of updated software;
- install and run Win32 disk imager program (supplied in the archive with image);
- open the image file and write to the micro-SD card (see screenshot below);
- eject micro-SD card from computer and insert back into Super-Modem

- close Super-Modem enclosure

