

Kanardia Emsis Update Instructions

This document is valid for all Emsis versions.

Update procedure

In order to put a new software into Emsis, please follow the procedure given below.

1. Download the latest Update.kus file from our web site:
<http://www.kanardia.eu/downloads/emsis> and copy this file to a micro SD card. Important: Do not use SDHCD or SDXC cards, because Emsis is unable to read them. Please use old plain SD cards, which should not be larger than 2GB. Do not change the name. Because Emsis will expect exactly Update.kus on the root folder of the card.
2. Insert the micro SD card into Emsis, which is powered off. The gold contact must be facing up. Press the down arrow and keep it pressed while switching Emsis on. Keep the button pressed until “Boot options” dialog appears.
3. Select “Upgrade” option and press the OK button. Now Emsis will check the file integrity and copy the new files into the system.

Note for Emsis 3.5” users. If the procedure above is not working for you, use “up button” instead of the “down button” to get the Boot options dialog and then use “page switching button” instead of the “ok” button to confirm the selection.

Bootloader replacement - “RamBoot Update”

After this update you can also replace the bootloader (we are calling it RamBoot). Replace the bootloader only if you are experiencing problems with the instrument (like restarts during the flight). Although replacing a bootloader is a simple procedure described below, it may happen in a very small percentage cases (less than 1% cases) that unit will not start after the bootloader replacement. If this happens, the unit must be send to factory for a repair.

1. Switch to the Emsis Settings page and select the “Service” menu.
2. Enter 314 for the password.
3. Select the “RamBoot Update” and wait until the dialog is finished. Unit restarts when finished.

This update includes correction for the 3.5” version, where wrong buttons must be pressed during the update.