



# FIRMWARE v2.9

## Release & Installation Notice

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## RELEASE NOTICE

This Firmware is an addition to Resmon Pro FOT V3 version 21.5.0 and should be installed directly on top of 21.5

The **update of the microcontroller firmware to version 2.9** enables the brown-out reset when the supply voltage falls below 4.2V. This event happens during start-up and turn-off of the device and may happen during normal device operation under unexpected voltage drops from the mains. The brown-out reset function further prevents unwanted errors in the execution of the microcontroller code, to the benefit of reducing the likelihood of failure or communication errors with the main CPU.

**This firmware update has been evaluated by RESTECH as a non-significant change to the product and is strongly recommended for all users and all customers.**

### Installation Procedure

1. Download the Resmon Pro FOT V3 firmware version 2.9 file from the MGC Support website.
2. Copy this file (**resmonpro-dspic-2.9-update.tar.bz2**) to a flash drive.
3. Insert the flash drive into any of the USB ports on the back of the Resmon PRO.
4. Turn on the device.
5. From the main menu, select “ADMIN” and Enter the Password (default = “12345”)
6. Select “SOFTWARE UPDATE” and let the system find the USB key and the available software updates.
7. Select **resmonpro-dspic-2.9-update.tar.bz2** and select **Install**; Follow the instructions until the device automatically turns itself off.