

Title: i-Controller Firmware Update Using A USB

This work instruction describes how to update the i-Controller with a USB.

Format the USB

Before loading program file to the USB, verify the drive has been formatted to the FAT32 file system and drive is not larger than 8 GB. If the file system is not correct, format the drive now, prior to loading program file.

Copy Application file to USB Drive

1. Save the emailed zip file to your desktop.
2. Open the zip file.
3. Copy, the “ipro” file.
4. Paste, the “ipro” file to the USB.
5. After the ipro file has been copied to the USB drive, safely remove the USB drive from the PC.

Transfer Files to i-Controller

1. Verify the i-Controller has power applied and is ‘ON’.
2. Verify the Visograph display is not in the process of loading.
3. Insert the USB thumb drive into the i-Controller as seen in figure 2.

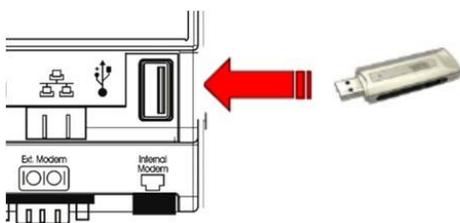


Figure 2. Insert USB into Port

4. When the USB thumb drive is inserted into the i-Controller, the status LED will be ‘ON’ (solid yellow).

NOTES:

- a. During the firmware update, the controller will automatically reboot.
- b. The firmware update may take up to **10-minutes** to complete.
- c. Do not remove power or the USB thumb drive during the firmware update process.

5. When the firmware update is complete, the i-Controller’s yellow status LED will begin blinking. See figure 3.

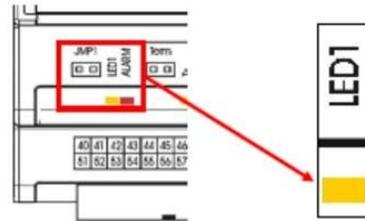


Figure 3. i-Controller Status LEDs

Verify Successful Firmware Update

1. From the Visograph *Main Menu*, press the 5th button (T5) to access the *Network Info* screen.
2. Verify the correct software version number is displayed in the upper right-hand corner of the *Network Info* screen. See Figure 4.

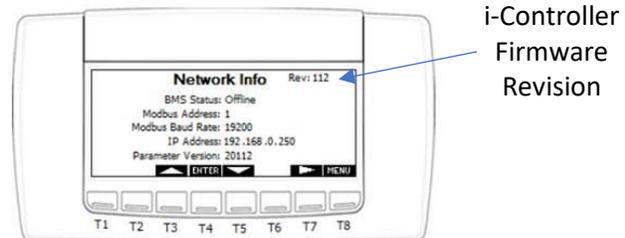


Figure 4. Network Info Screen

Once you have verified that the program was loaded successfully, it is safe to remove the USB stick from the i-Controller.