



TECHNICAL GUIDE · CN-IC2E-07 · EXTERNAL

This work instruction describes how to update the OS in the i-Controller

unit controller.

Document: CN-IC2e-07

Title: i-Controller 2.0e OS Loading Using A USB

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Transfer Application Files to MAIN i-Controller

1. Obtain a pre-configured USB thumb drive.
2. Locate the i-Controller.
3. Verify the i-Controller has power applied and is '**ON**'.
4. Use adapter, if required, and insert the USB thumb drive into the i-Controller as seen in figure 1.

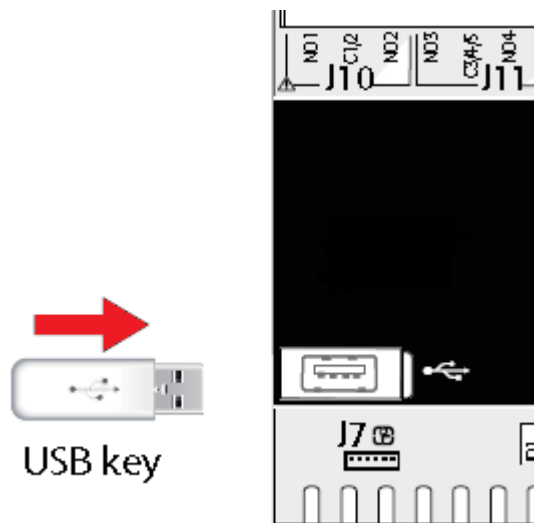


Figure . Insert USB into Port

1. Once the USB thumb drive is inserted into the i-Controller, press and hold the alarm  and enter buttons  for 3 seconds. See figure 2.

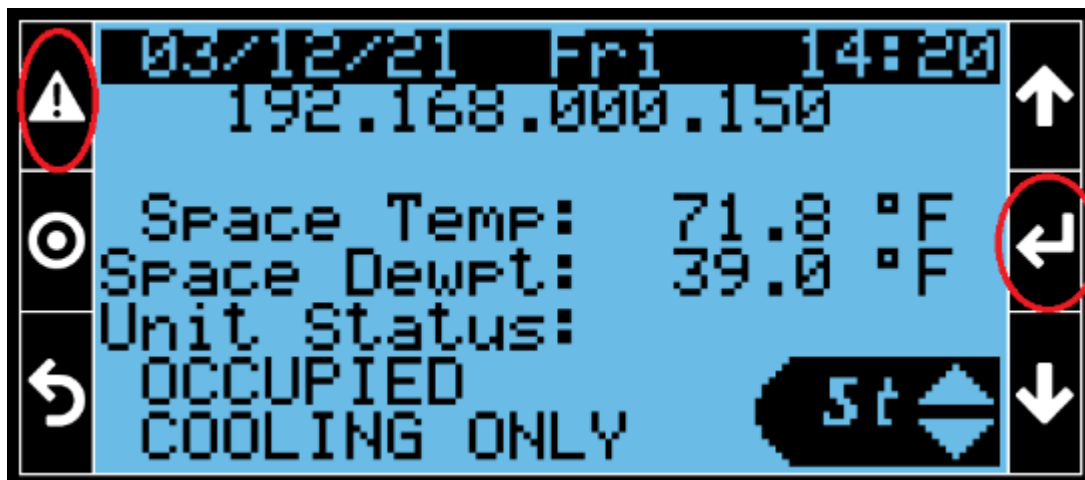


Figure . i-Controller Home screen

1. Using the down arrow, scroll to the "UPGRADE" selection and press the enter button . See figure 3.

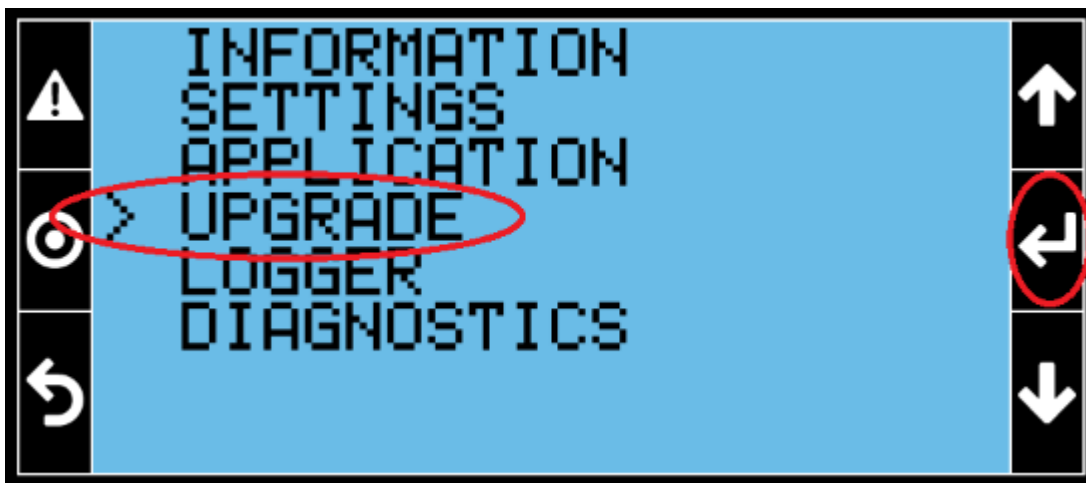


Figure . i-Controller screen

1. From the "UPGRADE" screen, press the enter button  to upload the OS. If there are multiple files, use the up/down arrows to select the iController OS file. See Figure 4.

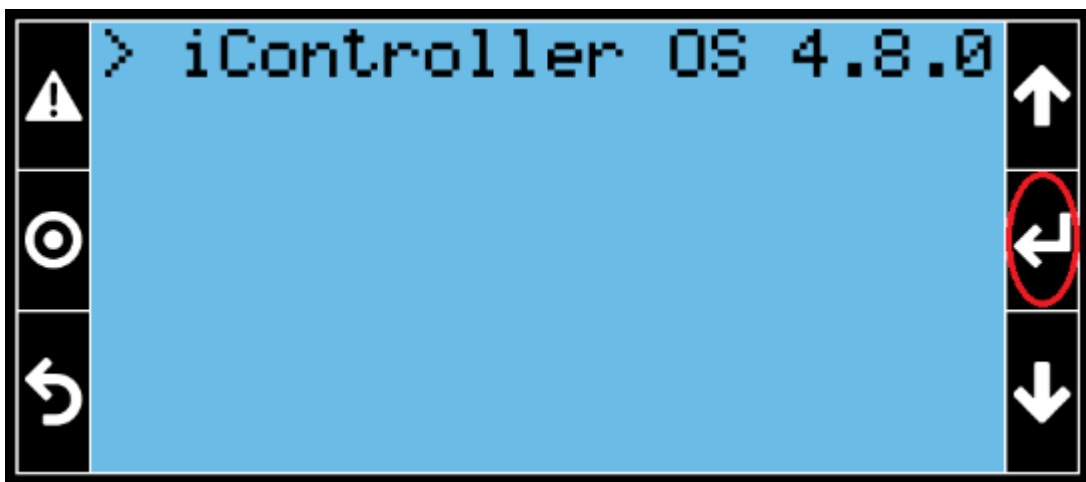


Figure . i-Controller Upgrade screen

Do not remove the USB thumb drive once this process starts.

1. Next, you will be prompted to start the upgrade process. See figure 1.

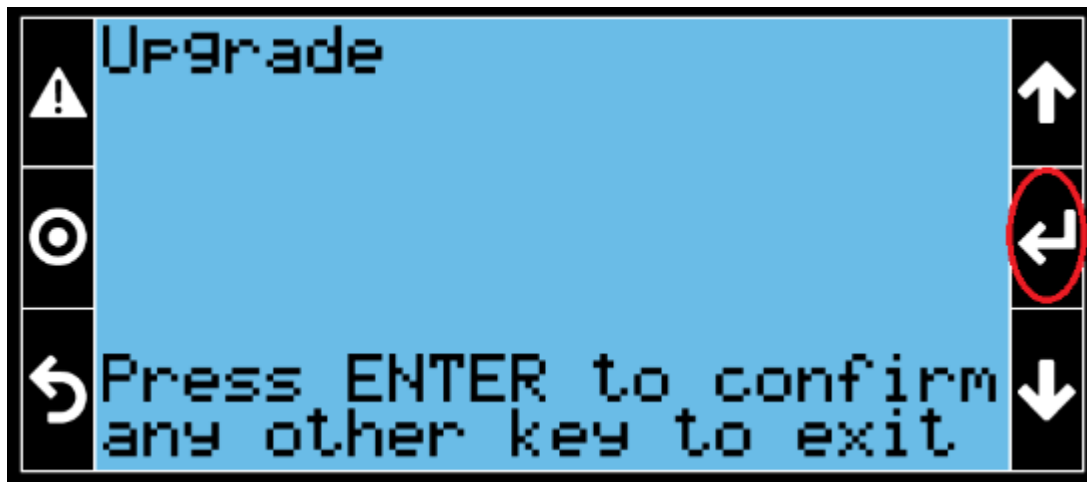


Figure 5. i-Controller Upgrade screen

1. The display will scroll through several loading screens. See figure

1.

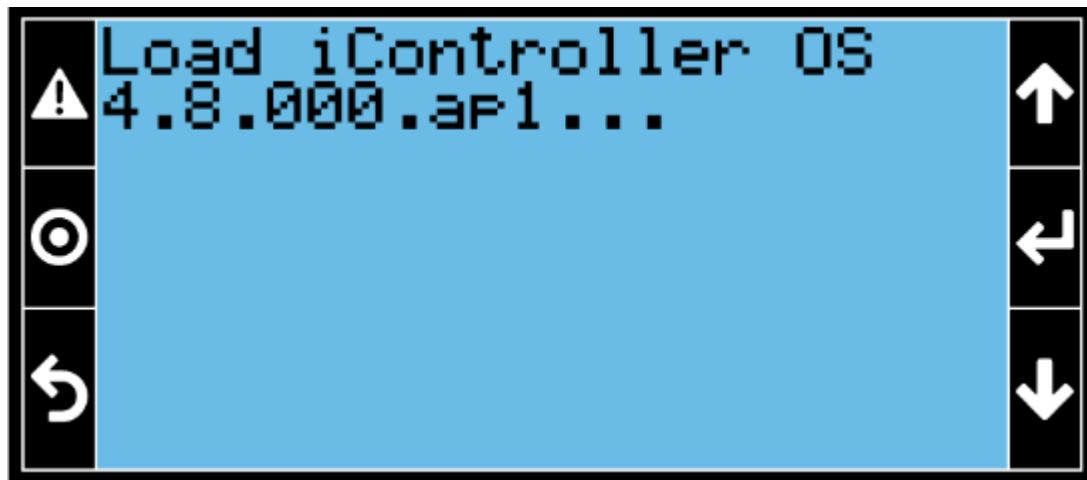


Figure 6. i-Controller Upgrade screen

1. Once the upgrade is completed, you will be prompted to restart the controller. Press the enter button  to restart the controller. See figure 7.

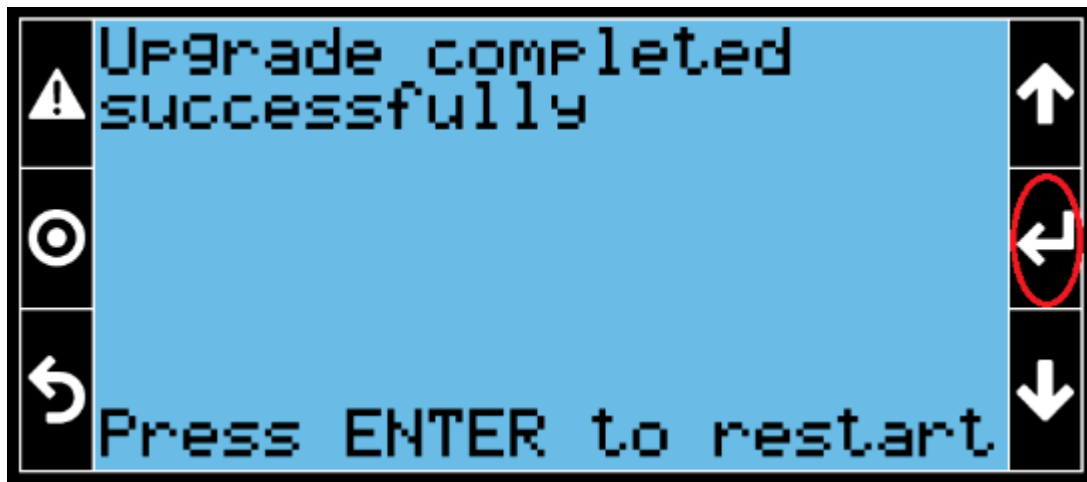


Figure 1. i-Controller Upgrade completed screen

1. Once the controller reboots, the display returns to the '**Overview**' screen, remove the USB thumb drive. See figure 8.

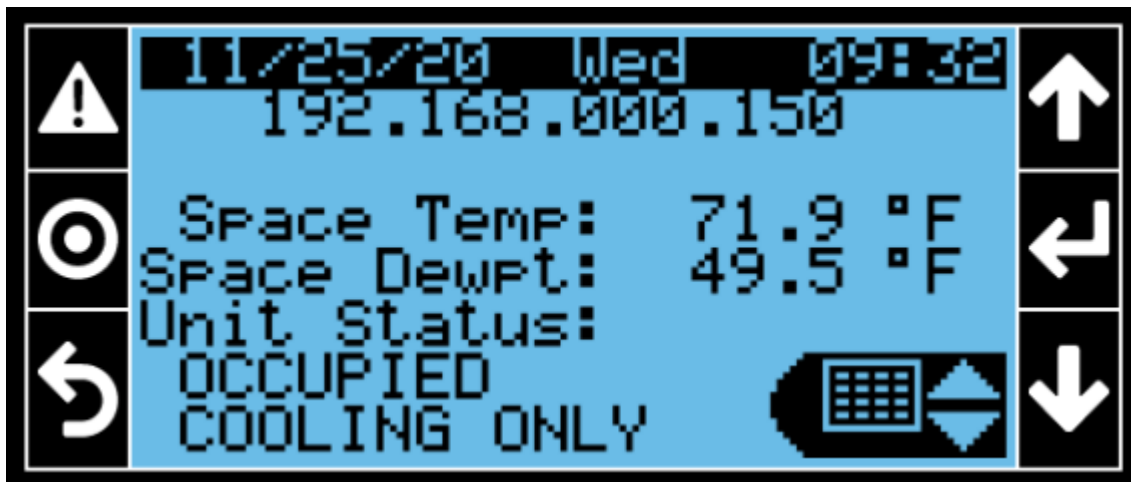


Figure 2. Overview screen

NOTES:

1. During the OS update, the controller will need to be rebooted.
 1. The OS update may take up to **5-minutes** to complete.
 2. Do not remove power or the USB thumb drive during the OS update process.

Verify Successful OS Update

After updating the i-Controller OS, verify the OS update was successful by verifying the OS version using the display.

1. Use the i-Controller display to navigate to the **'Information'** screen.
2. From the **'Overview'** screen, use the quick menu options to select the 'Information Menu'  and press 'Enter' .
3. Verify the correct OS version number is displayed next to OS ver. on the Information screen. See Figure 9.

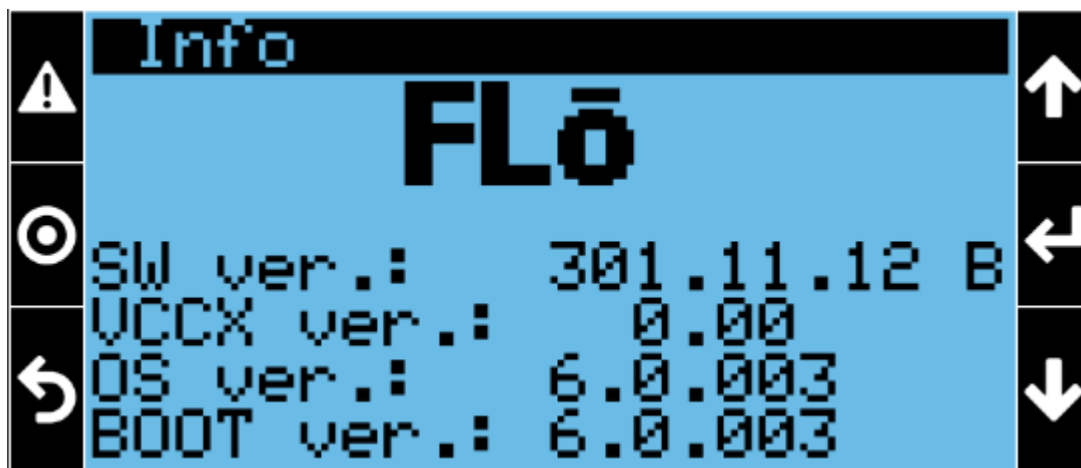


Figure . Information Screen

Transfer Application Files to i-Controller EXT

The i-Controller EXT OS cannot be updated via USB. See PC loading procedures for updating i-Controller EXT OS.

REVISION HISTORY

Revision (n-ddmonthyyyy)	Modification
1-07April2021	Published
1-27MAY2021	Rebranded as FLō
2-01April2026	iC2.0e Updates – Adam Pflanzner

APPROVALS

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