



ORION 2.4/900 Keypad Software Upgrade Instructions

WARNING: REI strongly recommends connecting the ORION to AC power during the update process. Without sufficient power there is a risk of the ORION losing power during the update and rendering the unit inoperable.

Installation instructions for the ORION Software Updater on a PC

1. Prior to installing the ORION Software Updater, connect the ORION unit to your PC with the supplied USB cable and turn it on.
2. Wait for the PC to indicate that the device has been found and that it is ready for use. If the USB to Serial port drivers are not properly found or installed, follow the instructions in *Note 1 below. You may need to open "Devices and Printers" in Control Panel on your PC to check that the device has been found and is ready for use.
3. From File Explorer, double click the "setup.exe" file, or right-click the file and select Install.
4. Follow the instructions on the Setup Wizard. If the wizard prompts you to install the Microsoft .NET framework, see **Note 2 below.

Running the ORION Updater

5. After the ORION Software Updater installation is complete, run the Update program from either the Windows Start Menu from the "REI" subfolder or from the desktop link. If the ORION is not shown as an attached device, press "Rescan".
6. Load the update file by pressing the "Open File" button and selecting the "update_20230915_full.bin" file provided in the directory created by the initial file download.
7. Press the "Send Update" button. Follow the instructions and progress on the screen and ORION unit. The update process will take approximately 1.5 minutes to complete.
WARNING: DO NOT DISCONNECT POWER OR REMOVE THE USB CABLE DURING THE UPDATE PROCESS.

System Requirements:

Windows 7, Windows 8, Windows 10 or Windows 11 operating systems
Microsoft .NET Framework 4.0 (Full)
Future Technology Devices International (FTDI) Virtual COM port driver (USB to Serial port converter).

*Note1: By attaching your ORION to your PC via the USB cable provided, the ORION will register itself to an available virtual COM port on the PC. If your PC is unable to automatically find the device driver needed for this connection, please double-click on the included installation file (setup.exe) that came with the ORION Software Updater download.

**Note2: Microsoft .NET is a framework for creating software applications that run primarily on Microsoft Windows. Windows PCs typically have Microsoft .NET installed or included with the operating system. However, you may find that you need to upgrade to version 4.0 to install the ORION Updater. If the application installer prompts you to install the Microsoft .NET Framework, then you do not have the required version. To install Microsoft .NET 4.0, follow the download link from the installer. After installing Microsoft .NET, restart the ORION Updater install. Contact your system administrator if you need help installing .NET.