


ORION 2.4/900 HX Firmware Update

Requires empty Micro SD card to perform update

1. Download the ORION 2.4/900 HX update files from https://reiusa.net/wp-content/software/orion/ORION_HX_Firmware_Update.zip and extract the file contents
2. Copy only the two (2) update files inside the **Phase 1** folder to the SD card
3. Fully power on the ORION HX
4. Once fully booted, insert the SD card into the ORION HX
5. When prompted to update, select **OK** twice
 - a. The update process will take approximately 2 minutes
6. When prompted that update is complete, select **OK** to reboot the ORION HX
7. Once fully rebooted, remove the SD card and reinsert it to your PC
8. Delete the **Phase 1** files from the SD card
9. Copy only the update files inside the **Phase 2** folder to the SD card
10. With the ORION HX powered on, insert the SD card into the ORION HX
11. When prompted to update, select **OK** twice
 - a. The update process will take approximately 2 minutes
12. When prompted the update is complete, select **OK** to reboot the ORION HX
13. Once fully rebooted, remove the SD card
14. To verify the software installed correctly, do the following
 - a. Click **Settings** icon 
 - b. Tap the right arrow until page 3 of 3 and select the **Info** button
 - c. Verify the version numbers match the information provided below

ORION Firmware Version Numbers

TSC: 1.0.463
MST: 1.00.1810051130
RCC: 1.00.1807310946 A
BBM: 1.01.1809211136 A
HDC: 1.01.1809211136 A
HCC: 1.00.1712211239 A
KCC: 1.00.1709131042 A

System Requirements

Windows XP SP3, Windows Vista, Windows 7, Windows 8, or Windows 10 operating systems Microsoft .NET Framework 3.5 (SP1) Future Technology Devices International (FTDI) Virtual COM port driver (USB to Serial port converter).

Note 1

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 (CDM20830_Setup.exe) that came with the ORION Software Updater software.

Note 2

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 3.5 SP1 to install the ORION Software 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 3.5 SP1, follow the download link from the installer or double-click on the included installation file (dotNetFx35setup.exe) that came with the ORION Software Updater software. After installing Microsoft .NET, restart the ORION Software Updater install. Contact your system administrator if you need help installing .NET.