

## How to upgrade FI-3000 FiberInspector™ Pro Firmware

1. Download LinkWare™ PC (v12.0 or later) from the Fluke Networks website.
2. Install LinkWare PC (Administrator privileges are required for the installation).
3. Connect the FI-3000 to the PC using the USB cable. The USB C end of the cable connects to the FI-3000. The USB A end of the cable connects to the PC.
4. Turn the FI-3000 probe **ON**. A blue light is shown on the FI-3000 when it is on in normal mode.
5. Open LinkWare PC software
  - a. Go to **Utilities -> FI-3000 -> Software Version...**
  - b. Make note of the firmware and bootloader versions. If a message box states you cannot connect to the Probe, the firmware version is probably less than or equal to v1.0.2.
  - c. (Optional) The Print and Save functions in the Software Version window let you print the version information or save it in a .txt file.
  - d. If the bootloader version is less than v1.1.2 or the firmware version is less than v2.2.1, update the software.
6. Download the FI-3000 update files:
  - a. Go to [www.flukenetworks.com/support/downloads](http://www.flukenetworks.com/support/downloads).
  - b. Search for **FI-3000**.
  - c. Download the FI-3000 v2.2.3 Firmware zip file, which contains these three files:
    - FI-3000\_FW\_v2.2.3.fip
    - FI-3000\_BL\_v1.1.2.fipbl
    - README.TXT
  - d. In File Explorer, browse to the zip folder and extract these files.
7. In LinkWare PC software, for each update:

If you need to update both the firmware and the bootloader software, do the steps below for each update.

  - a. Go to **Utilities > FI-3000 > Software Update**.
  - b. You may see an error message stating that you cannot connect to the probe. If so, press **OK**.
  - c. Follow the onscreen instructions to put the Probe in firmware or bootloader update mode. (In bootloader update mode, all lights will be off; however, Windows should recognize the Probe when it is connected via the USB cable.)
  - d. Click **Continue**.
8. LinkWare PC searches for the FI-3000. Once connected, LinkWare opens a window to select the update file. Browse to the folder with the extracted files.

9. To update the firmware, double-click the **.fip** file.

A window opens, and the update starts automatically. It takes 2 min to 3 min for the firmware update to finish. When the update completes, the lights on the Probe show as a single blue light. If the window does not close, close the window manually.

10. To update the bootloader, double-click the **.fipbl** file.

**Caution**

**Do not turn off the Probe or disconnect the USB cable until the update completes. If the update is interrupted, the Probe can be damaged and require service by a Fluke authorized service center.**

A window opens, and the update starts automatically. It takes 5 sec to 10 sec for the bootloader update to finish.

- a. If the window does not close automatically or a message shows **TimerProc**, close the window manually.
- b. Turn the Probe off and then back on.

11. In LinkWare PC software, click Finish or **OK**.

If you have the software update files on a disk or USB drive, you can use a PC without an internet connection to update the Probe.