

Update Firmware on FI-3000 FiberInspector™ Pro

To update the firmware and bootloader on the FI-3000 probe (the Probe), you need:

- LinkWare™ PC software version 10.6
- The version number of the firmware now installed on the Probe

To update LinkWare PC software to version 10.6

1. In LinkWare PC software, click on **Help -> About LinkWare PC**.
A message box opens that includes the LinkWare PC software version and build numbers.
2. Write down the LinkWare PC software version number.
3. Push **Esc** on the keyboard to close the message box.
4. If your LinkWare PC software version is older than 9.5, uninstall it.
5. Go to <https://www.flukenetworks.com/support/downloads>.
6. Search for **LinkWare PC v10.6**.
7. Double click on **Versiv v6.5 Build 5 Firmware and LinkWare PC v10.6** to download the update files in a zip folder.
8. Browse to the .zip folder and open it. Do not extract the files.
9. Either double click on the .exe file, or right click on the .exe file and click on **Run as administrator** to install the software. (Administrator rights are required to install the software.)
10. Follow the instructions in the LinkWare PC software to install the program.

Identify the firmware version installed on the Probe

1. Connect the Probe to the PC using the USB cable.
 - a. Connect the USB C end of the cable to the Probe.
 - b. Connect the USB A end of the cable to the PC.
2. Turn on the Probe.
3. In LinkWare PC software:
 - a. Go to **Utilities -> FI-3000 -> Software Version**.
A message box shows.
 - b. If the message box states that you cannot connect to the Probe, assume the version number is V1.0.2 and update the firmware from V1.0.2 to V2.1.0. See [Update the firmware on the Probe from V1.0.2 to v2.1.0](#).
Or,
If the message box shows the version number, update the firmware from V2.0.0 to V2.1.0. See [Update the firmware on the Probe from V2.0.0 to v2.1.0](#).
 - c. Click **OK**.

Update the firmware on the Probe from V1.0.2 to v2.1.0

1. Go to <https://www.flukenetworks.com/support/downloads>.
2. Search for **FI-3000**.
3. Double click on **FI-3000 v2.1.0 Firmware** to download the update files in a zip folder.
4. In File Explorer, browse to the **update_FI-3000_v2.1.0.zip** folder and extract the files.

5. If necessary, connect the Probe to the PC using the USB cable.
 - a. Connect the USB C end of the cable to the FI-3000.
 - b. Connect the USB A end of the cable to the PC.
6. Turn on the Probe.
7. In LinkWare PC software
 - a. Go to **Utilities -> FI-3000 -> Software Update**.
A message box states you cannot connect to the probe.
 - b. Click **OK**.
 - c. Follow the instructions on the screen to put the Probe into update mode.
 - d. Click **Continue**.
8. In File Explorer:
 - a. Browse to the folder with the extracted files and open it.
 - b. Double click on the **FI-3000_FW_v2.1.0.fip** file to update the firmware.
A Windows Command window opens and the update starts automatically. It takes 2 min to 3 min for the firmware update to finish.
9. When the update finishes:
 - a. Turn off the Probe.
 - b. In LinkWare PC software, click **Finish**.
10. Turn on the Probe.
11. In LinkWare PC software:
 - a. Go to **Utilities -> FI-3000 -> Software Update**.
A message box states that the FI-3000 bootloader must be updated first.
 - b. Click **OK**.
 - c. Follow the instructions on the screen to put the Probe into bootloader update mode.
 - d. Click **Continue**.
12. In File Explorer:
 - a. Browse to the folder with the extracted files and open it.
 - b. Double click on the **FI-3000_BL_v1.1.2.fipbl** file to update the bootloader.
A Windows Command window opens and the update starts automatically. It takes 5 sec to 10 sec for the bootloader update to finish. The Probe turns off.
13. When the update finishes, disconnect the USB cord from the USB port on the probe.
14. In LinkWare PC software:
 - a. Click **Finish**.
 - b. Click **OK**.
15. Turn on the Probe to use the updated firmware.

Update the firmware on the Probe from V2.0.0 to v2.1.0

1. Go to <https://www.flukenetworks.com/support/downloads>.
2. Search for **FI-3000**.
3. Double click on **FI-3000 v2.1.0 Firmware** to download the update files in a zip folder.
4. In File Explorer, browse to the **update_FI-3000_v2.1.0.zip** folder and extract the files.
5. If necessary, connect the Probe to the PC using the USB cable.
 - a. Connect the USB C end of the cable to the Probe.
 - b. Connect the USB A end of the cable to the PC.
6. Turn on the Probe.

7. In LinkWare PC software
 - a. Go to **Utilities -> FI-3000 -> Software Update**.
A message box opens that states the bootloader must be updated first.
 - b. Click **OK**.
 - c. Follow the instructions on the screen to put the Probe into bootloader update mode.
 - d. Click **Continue**.
8. In File Explorer:
 - a. Browse to the folder with the extracted files and open it.
 - b. Double click on the **FI-3000_BL_v1.1.2.fipbl** file to update the bootloader.
A Windows Command window opens and the update starts automatically. It takes 5 sec to 10 sec for the bootloader update to finish. The Probe turns off.
 - c. When the update finishes, click **Finish**.
 - d. Click **OK**.
9. Turn on the Probe.
10. In LinkWare PC software, go to **Utilities -> FI-3000 -> Software Update**.
11. In File Explorer:
 - a. Browse to the folder with the extracted files and open it.
 - b. Double click on the **FI-3000_FW_v2.1.0.fip** file to update the firmware.
A message box indicates the download progress. When the download completes, the update starts automatically. It takes 2 min to 3 min for the new firmware to download to and update the Probe.
12. When the update finishes, turn off the Probe and disconnect the USB cord from the USB port on the Probe.
13. In LinkWare PC software, click **OK**.
14. Restart the Probe to use the updated firmware.