

Impinj xSpan - Update Firmware

To update the firmware on an Impinj xSpan reader, you can use either the Web UI or a USB flash drive. The [Impinj Support Portal](#) outlines both methods, including steps to download the firmware, prepare the USB drive, and initiate the upgrade.

Method 1: Web UI

1. **Connect to the reader's Web UI:** Access the xSpan reader's web interface using a web browser and its IP address.
2. **Log in:** If prompted, enter the administrator credentials.
3. **Navigate to the Firmware Upgrade section:** Look for a section related to reader upgrades, firmware updates, or software updates.
4. **Browse and select the firmware file:** Use the browse button to locate and select the .upg firmware file you downloaded.
5. **Initiate the upgrade:** Click the upgrade or install button.
6. **Reboot the reader:** Once the firmware upgrade is complete, reboot the reader to activate the new firmware.

Method 2: USB Flash Drive

1. **1. Prepare the USB drive:**
Format the USB drive to FAT32 and create the necessary directory structure:
`impinj\revolution\upgrade\images\`.
2. **2. Download the firmware:**
Place the firmware image file (.upg) within the `images` folder on the USB drive.
3. **3. Connect the USB drive:**
Plug the USB drive into the xSpan reader's USB Host port while the reader is powered on.
4. **4. Initiate the upgrade:**
The reader will automatically detect the firmware and begin the upgrade process.
5. **5. Monitor the upgrade:**
The reader's power LED will flash amber during the upgrade and become solid green upon completion.
6. **6. Reboot the reader:**
Manually reboot the reader to activate the new firmware.

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