

VZ20X Firmware Update Procedure

This document describes the procedure for updating the VZ20X firmware.

Please read this document before proceeding with the update.

Applicable Products

VZ20X (standard model or VZ20X-1N1ND/Z)

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※“this software” means the update firmware.

Versions after Update

VZ20X	R1.02.01
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Items to Prepare

- VZ20X
- USB Type-C cable
- Ethernet cable (Use 24VDC power supply)
- PC
- VZ Configurator (R1.01.02 or later revision)
- VZ20X Analog Sensing Unit User's Manual(IM 77V01B01-01EN)
- VZ20X Firmware Update Procedure

Notes

Note 1: If VZ Configurator is R1.01.01, please uninstall it. Then install VZ Configurator R1.01.02 or later.

Note 2: Do not modify the firmware file and apply it to the VZ20X.

Update Procedure

1 Checking the firmware version

Before starting the update, check the firmware version number according to the following procedure.

- 1.1 Connect to the VZ20X with an Ethernet or USB using VZ Configurator.
- 1.2 Click Main unit management > Firmware Update tab and confirm the Firmware version is R1.01.04.

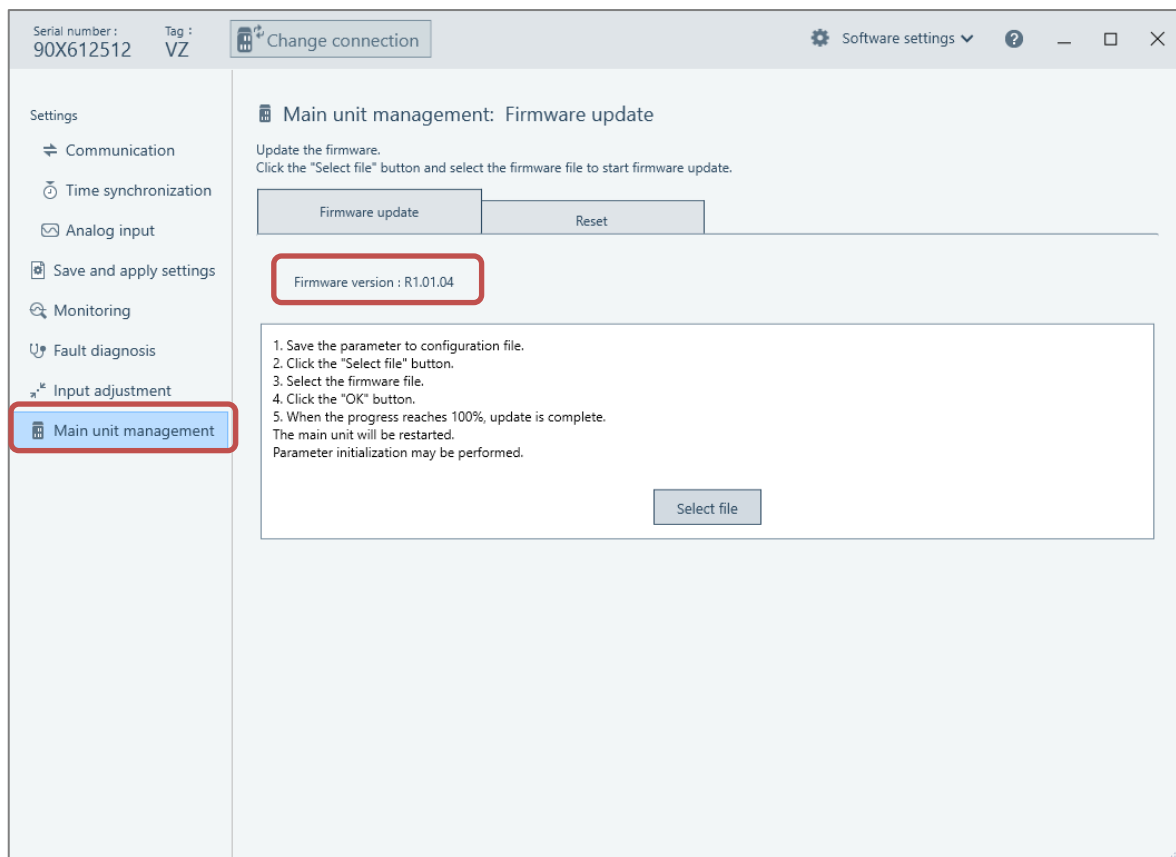


Figure 1 : Firmware update screen

2 Preparing the firmware file for the firmware update

- 2.1 Download the firmware update file from YOKOGAWA's Web site and save it on the PC.

- 2.2 Unzip the downloaded zip file.
- 2.3 Confirm the unzipped file name is " VZ20X_Firm_R1_02_01_update.vzfm".

3 Saving VZ20X settings

- 3.1 Connect to the VZ20X with an Ethernet or USB using VZ Configurator.
- 3.2 Click Save and apply settings > [Save] button.
- 3.3 The "Save As" window opens. Files can be named and saved in this window.

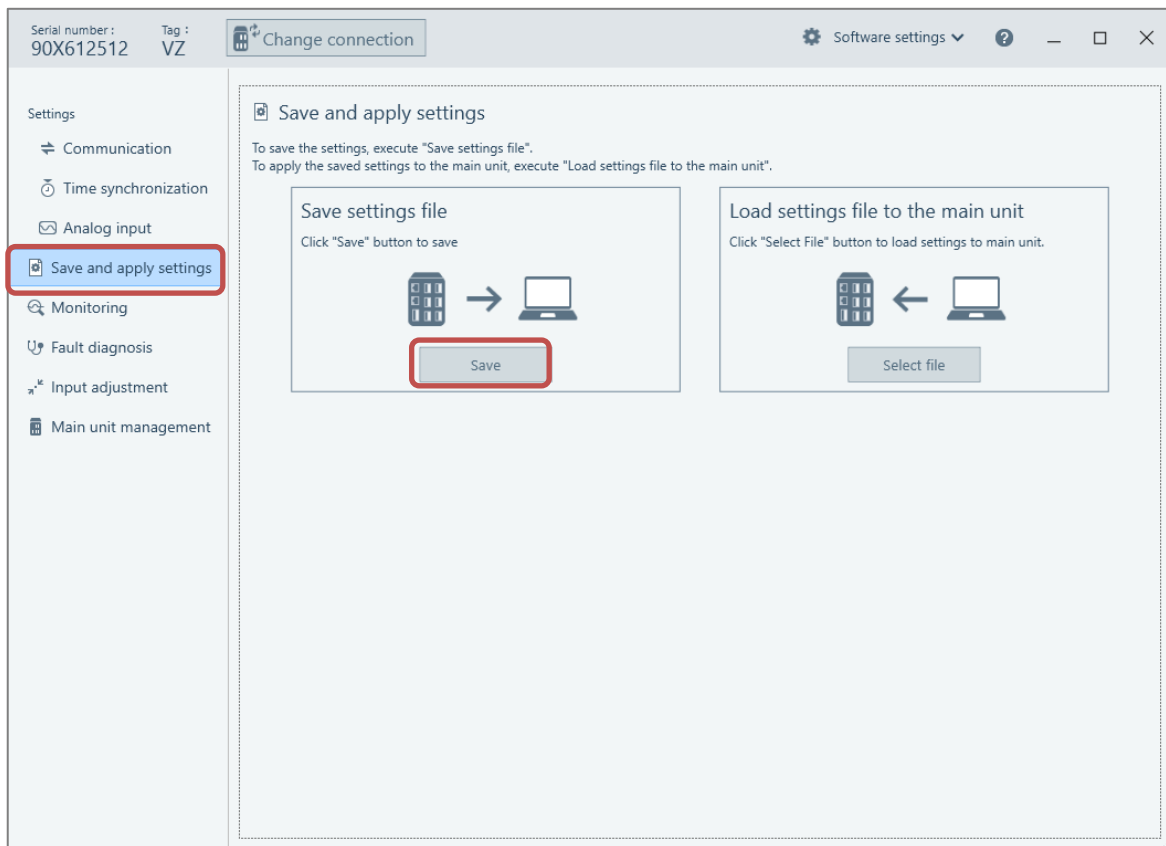


Figure 2 : Save and apply settings screen

4 Updating the VZ20X's firmware

- 4.1 Connect to the VZ20X with an Ethernet or USB using VZ Configurator.
- 4.2 Click Main unit management > Firmware Update tab and the following screen appears.

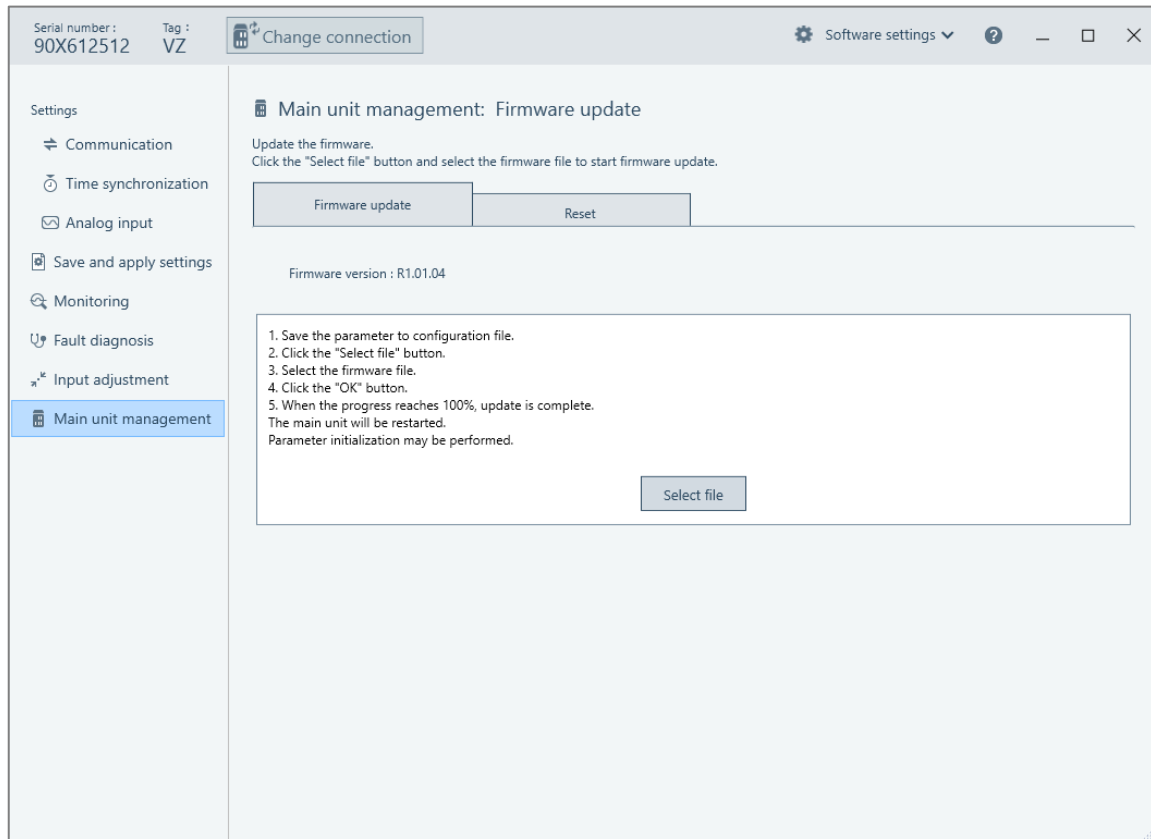


Figure 3 : Firmware update screen

- 4.3 Click the [Select file] button and select " VZ20X_Firm_R1_02_01_update.vzfm". Then the firmware update will start.
Do not disconnect the Ethernet or USB connection between the VZ20X and the PC and the power of the VZ20X until the firmware update is complete.
- 4.4 The VZ20X Main unit status LED is flashing(green) or flashing alternately(green/blue) during firmware update.
- 4.5 When the firmware update is completed, the following screen appears.

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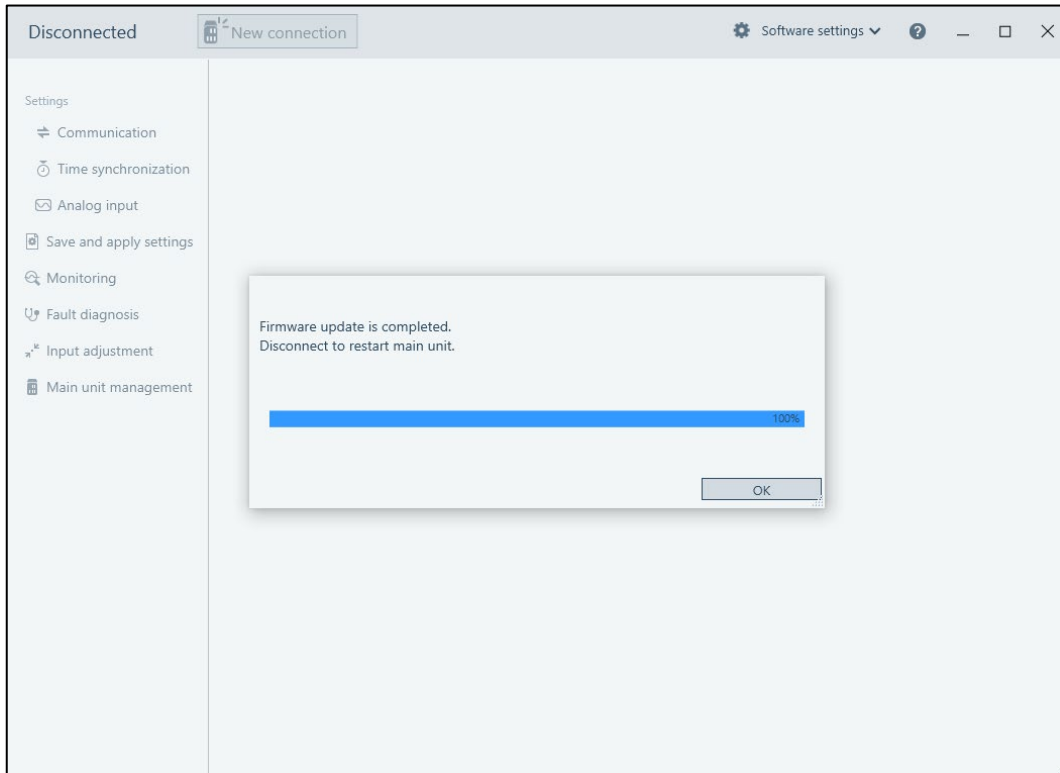


Figure 4 : Firmware update completion screen

- 4.6 Click the [OK] button.
- 4.7 The firmware update is completed.
- 4.8 Reboot the VZ20X.

Note 1 : If the power of the VZ20X is disconnected or the Ethernet or USB cable is disconnected during the firmware update, the firmware update will fail. Reboot the VZ20X and then it will be booted with previous firmware version. Execute the firmware update again.

Note 2 : There is no change in the parameter settings due to the firmware update.

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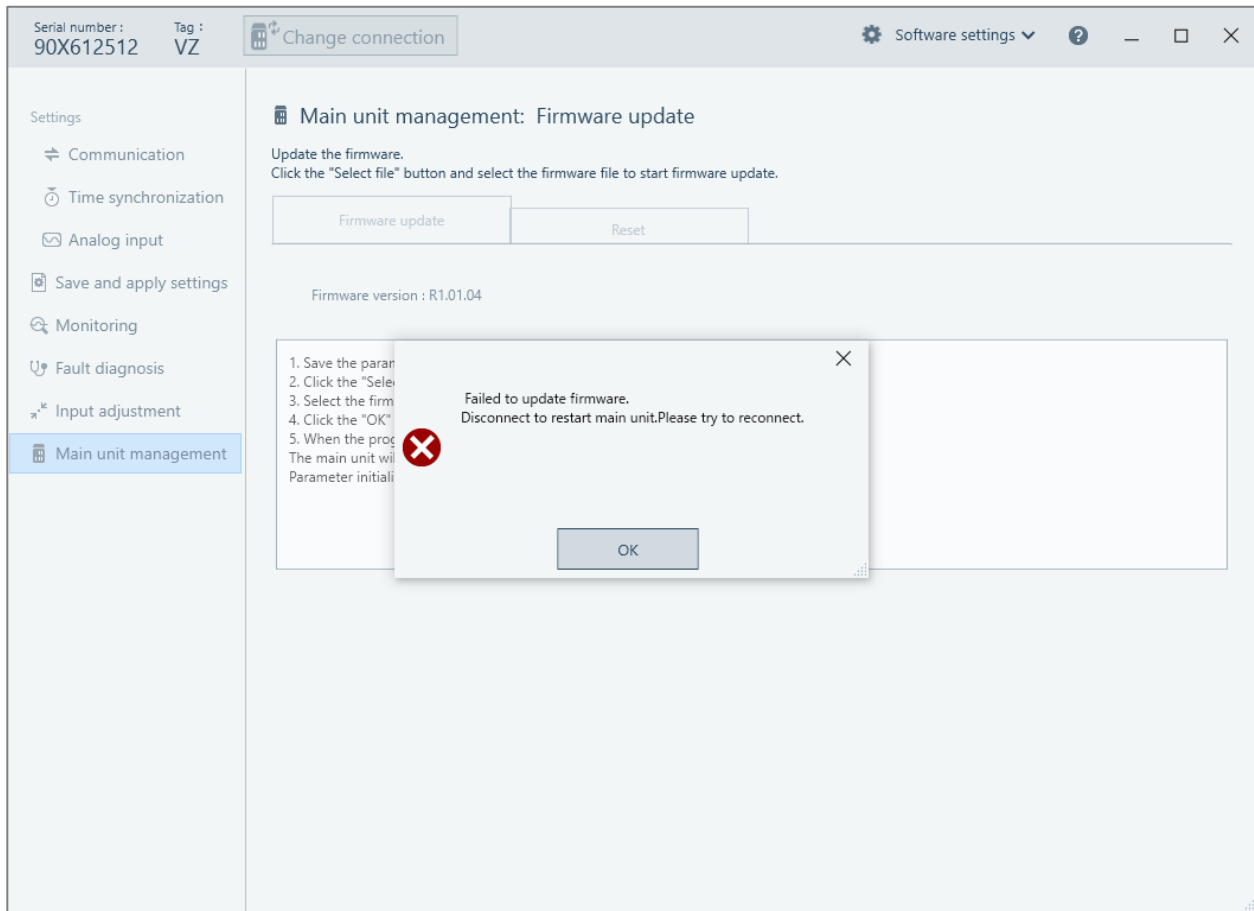


Figure 5: Firmware update failure screen

5 Checking the firmware version

Check whether the firmware update was successful.

- 5.1 Connect to the VZ20X with an Ethernet or USB using VZ Configurator.
- 5.2 Click Main unit management > Firmware Update tab and confirm the Firmware version is R1.02.01.
- 5.3 Confirm settings are the same as before firmware update.

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<http://www.yokogawa.com/ns/vz/>

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