

MIZ-21C SOFTWARE 1.4.4 RELEASE NOTES

Release date: December 18th, 2025

MIZ-21C Software 1.4.4 Product Bulletin

Eddyfi Technologies released MIZ-21C Software 1.4.4. This software version can be used on any MIZ-21C instrument that has operating system and drivers Full Flash Update (FFU) 1.1.1 or newer. Please contact our customer service at CustomerService@zetec.com if you have FFU 1.0.9 or earlier.

This product bulletin presents an overview of the new features and changes in this software version.

Purpose of MIZ-21C Software 1.4.4

MIZ-21C Software 1.4.4 is the standard upgrade for users of previous versions of MIZ-21C software. This software release includes several new features and improvements.

Eddyfi's hardware and software development process is performed according to a quality system that is certified ISO 9001-2015. With this certified software development process, we guarantee that changes between earlier MIZ-21C Software releases and MIZ-21C Software 1.4.4 have no consequences on the sensitivity and the accuracy of the recorded data or results processed by the software.

New Features

Generic

- Rework of the double tap and pinch behavior of the 3D C-scan.
- New configurable window size added to the continuous null filter.
- Configurable drift allowance adjustment added to the continuous null filter to prevent it from being influenced by non-drift-like signals.
- When copying a technique, the software will now carry over the latest live setup.
- Dot '.' added to the keyboard.

Rotating scanner techniques

- Optional merge channel added for absolute and reflection channels.
- Second 3D C-scan display added to the measurement screen for rotating scanner data that has more than one channel.
- New floating measurement box added to the ruler when using the ZM5 depth encoder technique.
- Encoder position added to the 3D C-scan acquisition display when using the ZM5 depth encoder technique.

Resolved Issues

The following are the resolved bugs and issues in MIZ-21C Software 1.4.4:

- B0289 Addressed an issue where the CPU temperature was not updating correctly.
- B0374 Addressed an issue where viewing and stepping forward / back through directories with many datafiles was very slow.
- B0386 Shortened the duration required when holding down the select button to bring up the configuration overview.
- B0409 Addressed an issue where the ZM5 depth encoder at cursor string was not always being shown as applicable.
- B0410 Addressed an issue where the software was not properly cleaning up log files.
- B0411 Addressed an issue where the ruler display of the ZM5 depth encoder was not considering plot direction.
- B0412 Changed the depth encoder measurement ruler from double height back to single height.
- B0413 Addressed an issue where cursor distance measurements using ZM5 depth encoder was not considering helical data.
- B0414 When changing technique name, save, then delete original, any live setup will now be carried over to the newly named technique.
- B0415 Added a new 'Volts Peak to Peak Time Order (VPPT)' measurement type.
- B0416 Added dual 3D C-scan acquisition display support for absolute/reflection mode techniques.
- B0418 Adjustments brought to ISO Input Impedance specification.
- B0419 Addressed an issue where the software could lose precision on very small vertical and horizontal scale values.

Downloading and Installing MIZ-21C Software 1.4.4

For this or other MIZ-21C software versions, please visit eddyfi.com/en/software/miz-21c-download.

To upgrade the MIZ-21C software from 1.0.9 or earlier to the new 1.4.4 version, the MIZ-21C must be returned to Zetec. Please contact Zetec Customer Service at CustomerService@zetec.com.

The update instructions are below. Choose the option applicable to your hardware:

OPTION 1: To upgrade the MIZ-21C Gen2 sealed hardware to the new 1.4.4 version:

- On a USB drive create a folder “MIZ-21C” with subfolder “Updates”: \MIZ-21C\Updates\
- Copy the downloaded zip files (MIZ-21C.Application.1.4.4.24.install and MIZ-21C.System.1.4.4.24.install) into the “Updates” folder on the USB drive
- Insert the USB drive into the MIZ-21C and go to Tools > System Updates and click Update Software and Firmware
- If rolling back version, select ‘Uninstall’, and if installing new version, select ‘Install’
- Select from the list: MIZ-21C.System.1.4.4.24.install and click OK, then wait for shutdown
- The ‘Gears’ phase will begin, then wait for shutdown
- From Version Manager, select ‘Install’ and select: MIZ-21C.Application.1.4.4.24.install
- Select ‘Install’ and after 15 seconds it will complete with the ‘Install succeeded’ message
- Select ‘Open MIZ-21C’ and the Applications menu will open (Note: if the black Zetec logo persists for more than 2 minutes, then reboot the instrument)

OPTION 2: To upgrade the MIZ-21C Gen1 non-sealed hardware to the new 1.4.4 version:

- On a USB drive, create a folder “MIZ-21C” with subfolder “Updates”: \MIZ-21C\Updates\
- Copy the downloaded zip files (MIZ-21C.Application.1.4.4.24.install and MIZ-21C.System.1.4.4.24.install) into the “Updates” folder on the USB drive
- Insert the USB drive into the MIZ-21C and go to Tools > System Updates and click Update Software and Firmware
- If rolling back version, select ‘Uninstall’, and if installing new version, select ‘Install’
- Select from the list: MIZ-21C.System.1.4.4.24.install and click OK, then wait for shutdown (verify by noting that the fans are off)
- Press the Power Button to turn the instrument back on
- The ‘Gears’ phase will begin, then wait for shutdown (verify by noting that the fans are off)
- Press the Power Button to turn the instrument back on
- Wait for a few minutes, then one of two things will happen on restart:

1. The application will boot to the normal Applications menu, WAIT 5 seconds for the screen to change to the Version Manager

2. OR during the boot cycle the user will have a 5 second window to select between ‘Launch’ or ‘Manage Versions’, click Manage Versions to go to the Version Manager

- From Version Manager, select ‘Install’ and select: MIZ-21C.Application.1.4.4.24.install
- Select ‘Install’ and after 15 seconds it will complete with the ‘Install succeeded’ message
- Select ‘Open MIZ-21C’ and the Applications menu will open (Note: if the black Zetec logo persists for more than 2 minutes, then reboot the instrument)