

Firmware (FW) Upgrade Guide

- **Target Product/Model: XYBERVU VeloScope**
- **Document Version: V1.0**
- **Date: September 18, 2026**

1. Release Overview

- **Target Firmware Version: XYBERVU VeloScope_V1: 260903**

What's New & Improvements

1. Date Format Selection

- **Add a date format dropdown menu to switch date formats.**

2. 12/24-Hour Time Display

- **Add a time format dropdown menu to toggle between 12-hour and 24-hour systems.**

3. Metric & Imperial Unit Switching

- **Add a unit dropdown menu for distance and speed to switch between Metric and Imperial units.**

2. Pre-upgrade Requirements

Before proceeding with the firmware upgrade, please ensure the following conditions are met:

- **Sufficient Battery/Power:** Ensure the device battery level is at least 50% or higher.
- **Backup Settings:** Although standard user settings are typically preserved during the upgrade process, it is recommended to take note of your important preference parameters. Please note that time settings will reset to system defaults and will need to be reconfigured.
- **Avoid Power Interruption:** DO NOT turn off or power down the device while the upgrade is in progress to prevent firmware corruption.

3. Step-by-Step Instructions

1. **Download Firmware:** Obtain the latest firmware package XYBERVU_VeloScope_V1 : 260903 .zip from the official channel.
2. **Copy File:** Copy the update.bin file to the root directory of your SD card (do not rename the file).
3. **Insert Media:** Insert the SD card into the XYBERVU VeloScope device while powered off.
4. **Trigger Upgrade:** Power on the device. It will automatically detect the firmware file and initiate the update process.
5. **Completion:** Once the upgrade is complete, the device will power off. After powering it back on, the system update will finalize, and the device will be ready for normal use once you set the system time.

4. Troubleshooting & FAQ

- **Q1: What should I do if the transfer interrupts or freezes at 0% / 99% during the upgrade?**
 - **Solution:** Please completely power off the device and turn it back on, then restart the device again to re-attempt the upgrade.
- **Q2: Cannot find the newly added "Metric/Imperial" or "Time Format" menus after the upgrade?**
 - **Solution:** Please confirm whether the firmware version has been successfully updated to XYBERVU VeloScope_V1: 260903. If the version is correct but the menus do not appear, please try resetting the settings or restarting the device.
- **Q3: The device failed to upgrade.**
 - **Solution:** Please try re-flashing the firmware to complete the upgrade; if the issue persists, please contact the XYBERVU technical support team.