

OVERVIEW

The firmware of the Verification Device is updated by connecting the Verification Device to a PC via a USB cable and uploading a binary file into the Verification Device's internal file system.

PROCEDURE

1. Download the newest firmware version from www.badgermeter.com. This firmware download will have a file named *UPDATE.bin* that will be used to update the firmware on the Verification Device.

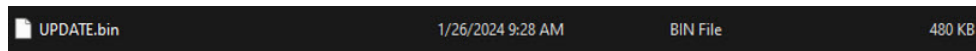


Figure 1: Firmware Download *UPDATE.bin*

2. Turn the Verification Device on. Plug the USB type Mini-B cable into the Verification Device's USB port. The device shows *USB Mass Storage*.



Figure 2: USB Mass Storage

3. On the PC, open file explorer. A disk drive corresponding to the Verification Device should be present on the computer. Open the drive. This represents the file system of the Verification Device.

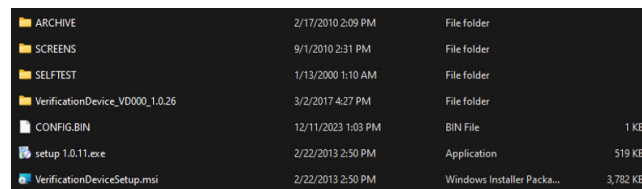


Figure 3: File Explorer: Verification Device

4. Place the *UPDATE.bin* file into the root directory of the file system.

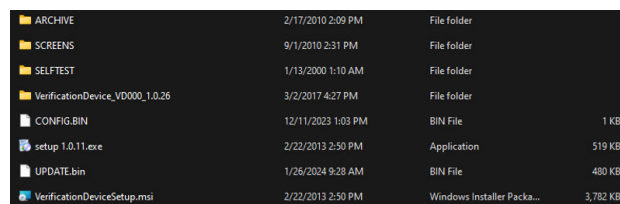


Figure 4: File Explorer: *UPDATE.bin*

5. Remove the USB cable. The Verification Device will turn off.
6. Turn on the Verification Device. The update procedure will begin, and the following words will appear on the screen:
 - Integrity Test
 - Erase
 - Write
 - CRC
7. Once completed, the Verification Device should resume normal operation. The Start Menu should display the correct updated firmware version.



Figure 5: Verification Device Home Screen with Updated FW Version

Control. Manage. Optimize.

ModMAG is a registered trademarks of Badger Meter, Inc. Other trademarks appearing in this document are the property of their respective entities. Due to continuous research, product improvements and enhancements, Badger Meter reserves the right to change product or system specifications without notice, except to the extent an outstanding contractual obligation exists. © 2024 Badger Meter, Inc. All rights reserved.

www.badgermeter.com