Dual Measurement Multimeter

GDM-8351

FIRMWARE UPDATE MANUAL

VERSION NO. 1.00

ISO-9001 CERTIFIED MANUFACTURER

GW INSTEK

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Firmware Update

Firmware updates are performed with a PC using the USB interface. To perform an update, a DFU driver (device firmware upgrade) must first be installed on your PC. This will allow the firmware to be burned to the DMM rom with the DMM Firmware Upgrade software.

DFU Driver Installation

The DFU driver allows the DFU software to communicate with the DMM over the USB interface.

The DFU driver and DFU software supports Windows XP/ Vista/ 7 32 bit or 64 bit and Windows 8 32 bit.

1. Connect the USB cable from the PC to the rear panel USB device port.
2. Put the DMM into boot mode:

   Press the MENU key.

   Go to FW on level 1.

   Go to UPDATE on level 2.

   Select YES and press Enter. You will be prompted to enter a password.

   Enter 1234567 as the password and press Enter.

   The DMM will now display boot mode.

3. Install the DFU driver and follow the instructions of the installation wizard. To install the driver, launch Setup32.exe or Setup64.exe, depending on whether you are using a 32 or 64 bit version of Windows.

   The driver is located in the User Manual CD, under the Driver\USB DFU Driver directory.

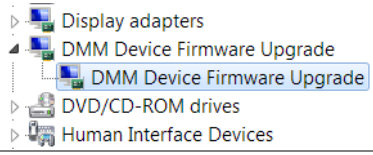
   If a Windows Security message appears, choose "Install this driver software anyway".

   Note: The DMM must be in boot mode to install the DFU driver.

4. Check to see that the DFU driver was successfully installed in the Windows Device Manager.

   Press: Start > Control Panel > Hardware and Sound > Device Manager.

   There will be a new item in the device tree, "DMM Device Firmware Upgrade", when successful.



DFU program installation.

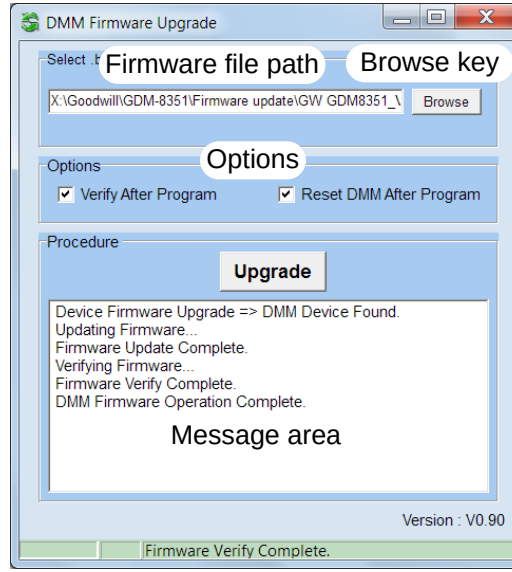
1. Launch "DMM Firmware Upgrade.exe", located in the User Manual CD under the Software\DFU Software directory.

2. Click the Browse button and select the firmware file (GW GDM8351_VXXX.bin).

3. Check the "Verify After Program" option to verify that the upgrade was performed successfully.

4. Check the "Reset DMM After Program" to reset the DMM after the upgrade.

5. Press "Upgrade" to perform the upgrade.

   "DMM Firmware Operation Complete" will be shown in the message area when the procedure has been completed.

Example