

RIGOL

DS Series products Firmware Upgrade Procedure

System requirements:

IBM compatible PC

WINRAR software

An USB (flash) drive

Important Verify the USB (flash) drive that can be recognized by a Rigol oscilloscope (e.g. DS1102E) as follow:

- When the oscilloscope is powered up, insert the USB drive into the USB (Host) port  which is located in the front of the oscilloscope.
- When it prompts "USB device install success", it indicates the flash drive is recognized by the scope, as shown in Figure 1.
- Otherwise the USB drive is not compatible with the oscilloscope ^{Note 1}.



Figure 1

DS1000 Upgrade Steps

1. With the help of your computer, decompress the upgrade software (RAR) files and place them in the top directory of the USB drive.
2. Inserts the flash into the USB (Host) port of the oscilloscope, and it will
 - Prompt “examine the higher/lower-version software, upgrade or not?”
 - Choose “OK” to activate the automatic installment process, as shown in Figure 2.

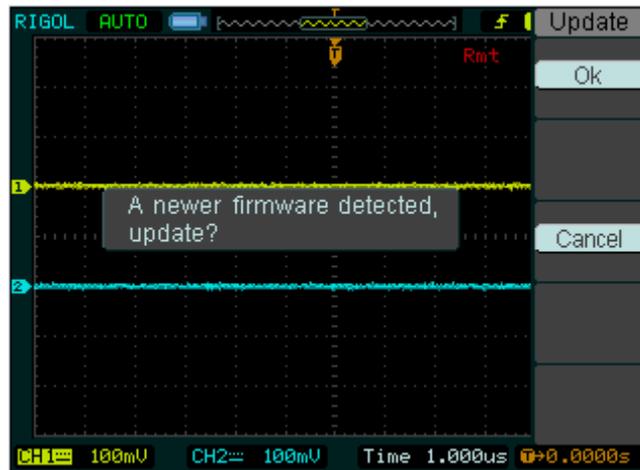


Figure 2

3. **Important** During the installation process, please do not disturb or remove the USB drive, and make sure the power supply is stable; otherwise, it may corrupt the firmware and cause the oscilloscope to be unusable, and require factory support^{Note 2}.



Figure 3

RIGOL

4. When the upgrade is completed, the machine will automatically restart, please perform the **self-calibration**. (Please refer to the user manual for the self-calibration procedure).
5. Before the upgrade, please contact **RIGOL** Technical and Support Department to confirm whether the current firmware version can be upgraded to the target version.

NOTE:

1. Brand, and memory size dependent, not all USB drives in the market are compatible with Rigol products.
2. Service charges may be required, regardless of validity of warranty, if upgrade is not an necessity of bugs, application failure, system feature malfunctioning.