

Revision Record

Date	Version	Revision
2026.5.28	0.0.0.13	1. Supports saving and recalling configuration files under remote control. 2. Supports configuration file upgrade under Webserver. 3. Bug fixes a. The measurement result save time is incorrect under the scan card. b. The trend chart is faulty under the scan card. c. Trigger and acquisition errors occur under the scan card. d. ACI/Freq and ACI/period switching are not supported under dual display. e. The center value setting is abnormal under the histogram. f. After *RST, dual display configuration and statistics reset are abnormal.
2026.3.23	0.0.0.12	1. Supports the host computer in obtaining timestamps. 2. Under dual display, the trigger strategy is adjusted; disable the trigger state of the secondary mode. 3. Bug fixes a. The scan card function is abnormal and the scan speed is abnormal. b. The statistics disappear after probehold is enabled. c. cap relative value function. d. The data logger sampling interval setting is abnormal. e. DCV/Temp level trigger related fault. f. The cursor is abnormal under the recorder/digitizer. g. Loading the xml file after restoring defaults is abnormal. h. The function switching delay is changed to logic control.
2025.8.19	0.0.0.10	1. Supports SMB and NTP functions. 2. Optimized the reading time for continuously switching ranges at slow speeds. 3. Bug fixes a. Incorrect readings occur when set to fast. b. Manually setting the number of bins under the histogram fails. c. Time settings are not saved after restart. d. The first screenshot fails after inserting the U-disk. e. cap auto range fails under specific input. f. When the input impedance is set to 10Gohm, voltage readings are incorrect. g. Selecting uA in current mode did not work. h. The reading function is abnormal when dual display is enabled.
2025.3.25	0.0.0.7	1st release.

Version Compatibility

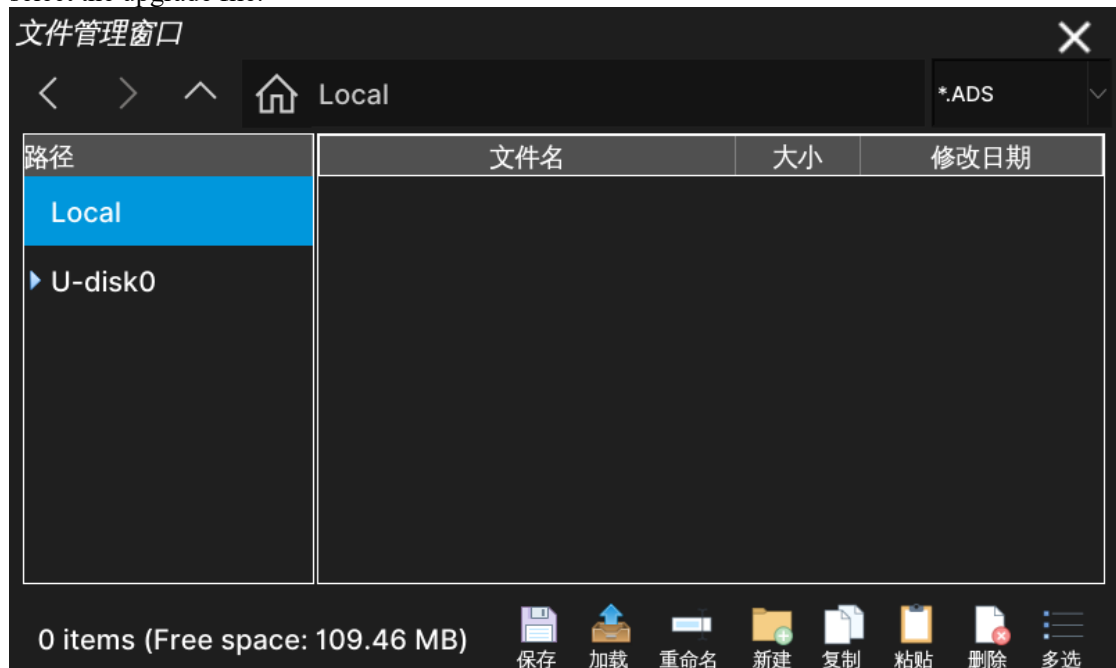
Source Version	Object Version	Compatibility
0.0.0.12	0.0.0.13	Tested
0.0.0.10	0.0.0.12	Tested
0.0.0.9R1	0.0.0.10	Tested
0.0.0.7	0.0.0.9R1	Tested

Upgrade Instructions

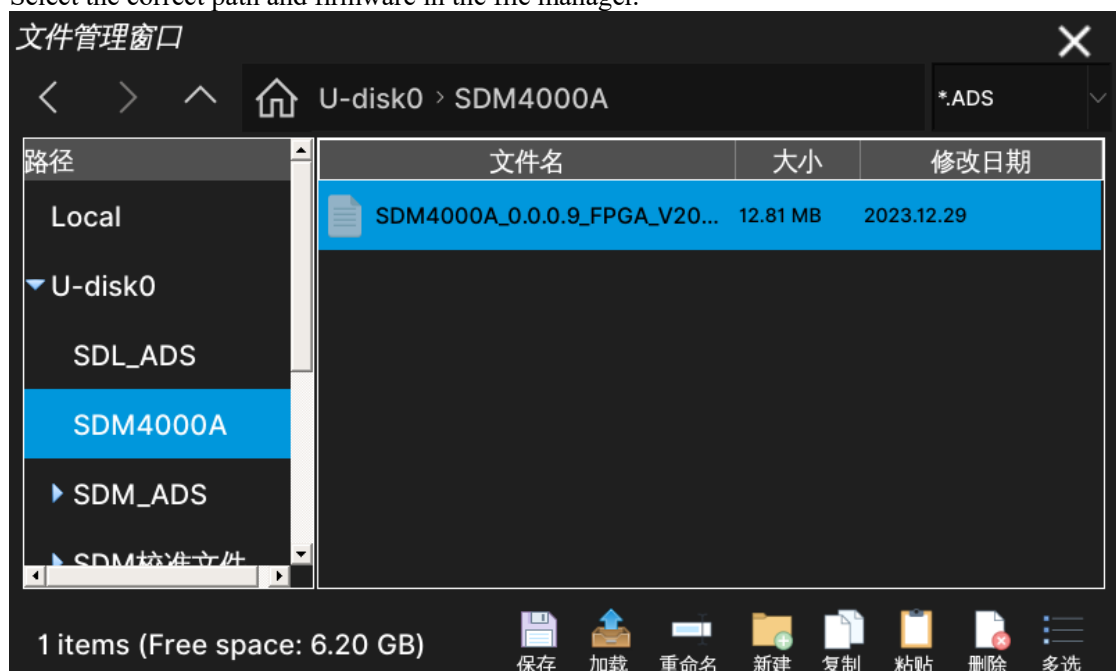
Upgrade from a U-disk (USB Memory device)

WARNING: DO NOT shut off the instrument until the update is completed.

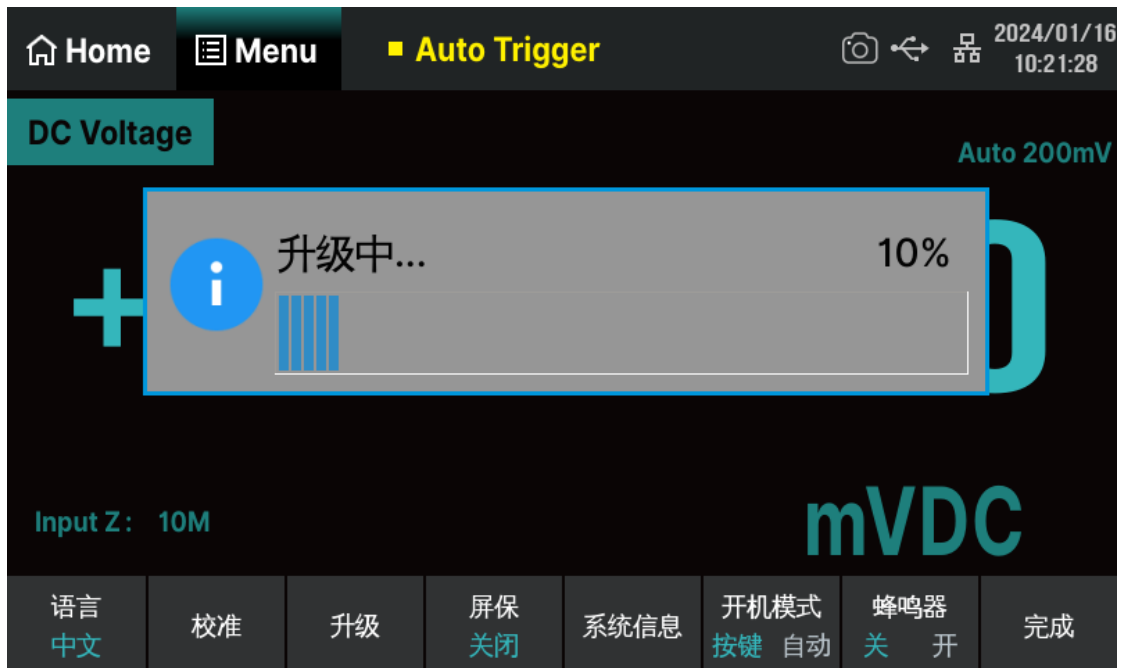
1. Copy the update file (*.ads) to a FLASH type U-disk, and then insert the U-disk into one of the USB host ports of the instrument.
2. Perform " *Utility -> System Setup -> Upgrade*". The file manager will pop up, allowing you to select the upgrade file.



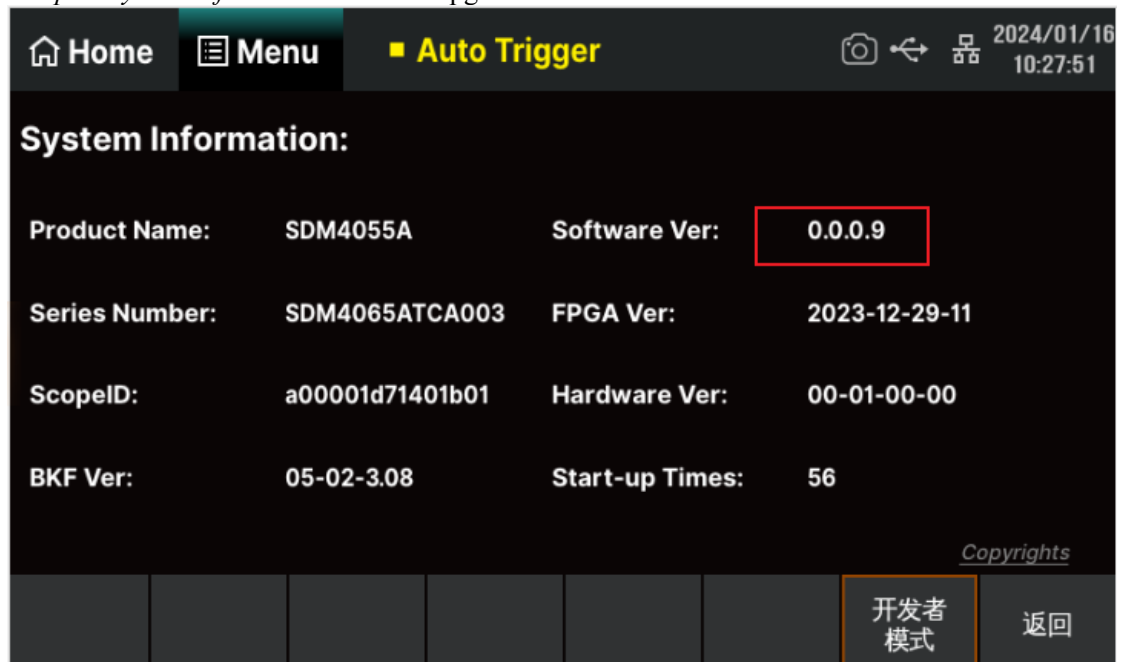
3. Select the correct path and firmware in the file manager.



4. Click *Load* in the interface above and the upgrade dialog appears.



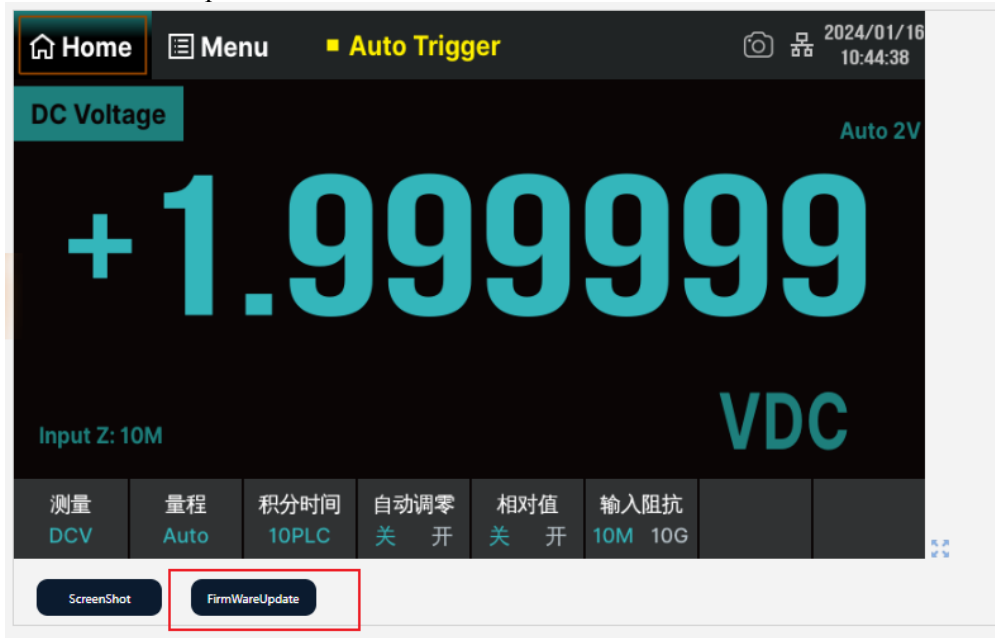
5. The SDM will reboot when the upgrade process is completed. The upgrade is finished.
6. After the instrument reboots, check the version number through the steps *Utility -> System Setup -> System Info* to confirm if the upgrade is successful.



Upgrade from the Web Server

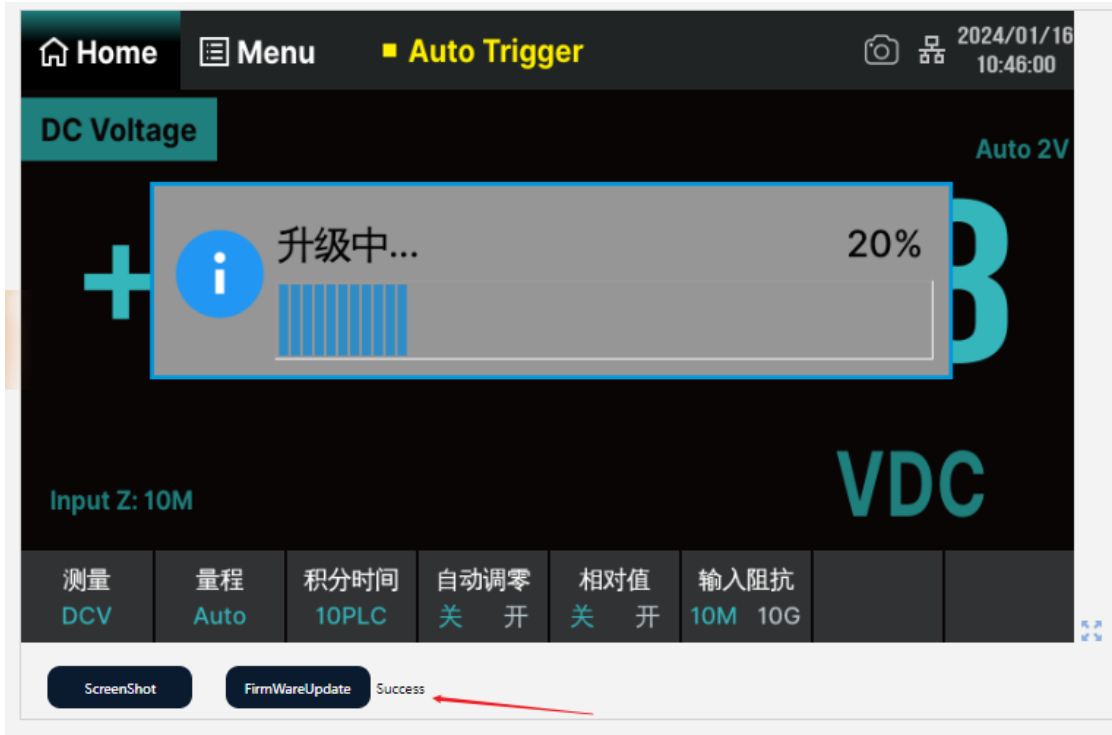
WARNING: DO NOT shut off the instrument until the update is completed.

1. Set the LAN port correctly through *I/O Configuration -> Network Settings*, obtain the IP address of the instrument, and then input the IP address in the browser address bar to browse and control the instrument on the web.
2. Click the "FirmwareUpdate" button in the web interface and select the correct update file (*.ads) stored on the computer.



名称	修改日期	类型	大小
 SDM4000A_0.0.0.9_FPGA_V20231229.ADS	2023/12/29 15:46	ADS 文件	13,119 KB

3. The instrument will automatically download the update file and perform the upgrade once the file is specified. Wait for the upgrade to complete.



4. After the instrument reboots, check the version number through the steps *Utility -> System Setup -> System Info* to confirm if the upgrade is successful.

