Revision Record

Date	Version	Revision
8/19/2025	0.0.0.10	1. Supports SMB and NTP functions.
		2. Optimized reading timecost of range switching with low speed.
		3. Bug fixes
		a) Wrong reading with fast speed setting.
		b) The number of bins in the histogram set unsuccessfully manually.
		c) Time info fail to save after reboot.
		d) Screen dump fail while the u disk is inserted to device at the first time.
		e) Auto range fails in cap measurement with certain input value.
		f) Wrong voltage reading while resistance was set to 10G ohm.
		g) uA range fail to work in current mode.
		h) Reading wrong in dual mode.
3/25/2024	0.0.0.7	a) 1st release.

Version Compatibility

| Source Version	Object Version	Compatibility
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 following the file manager should pop up and allow you to select the upgrade file.
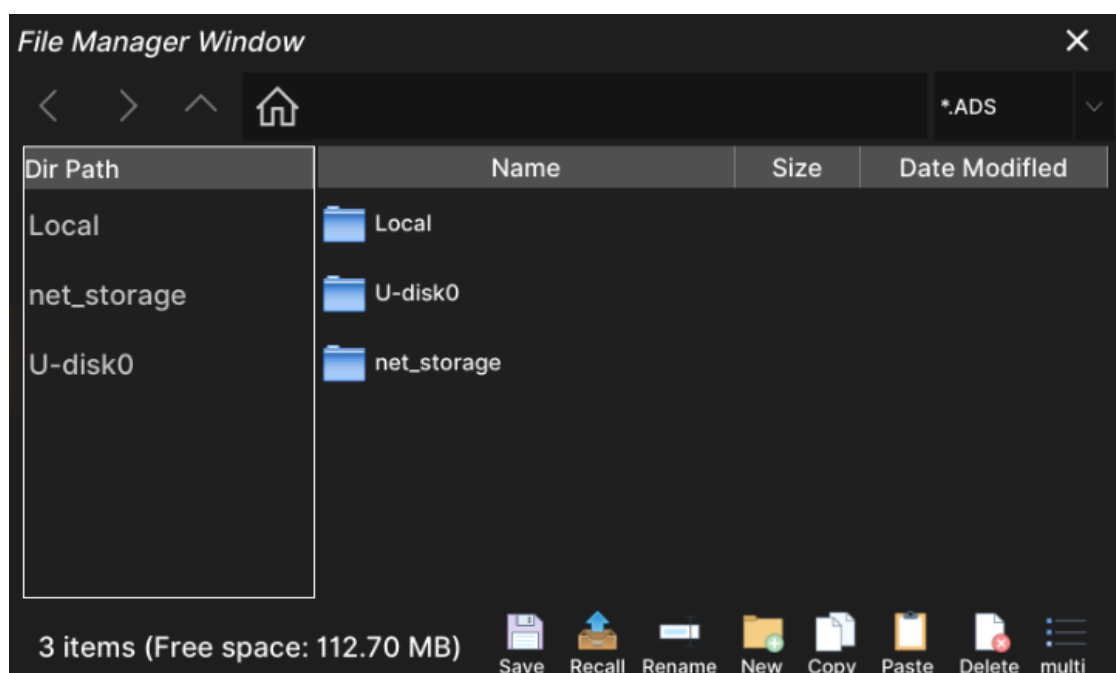
3. Select the correct path and firmware on file manager.
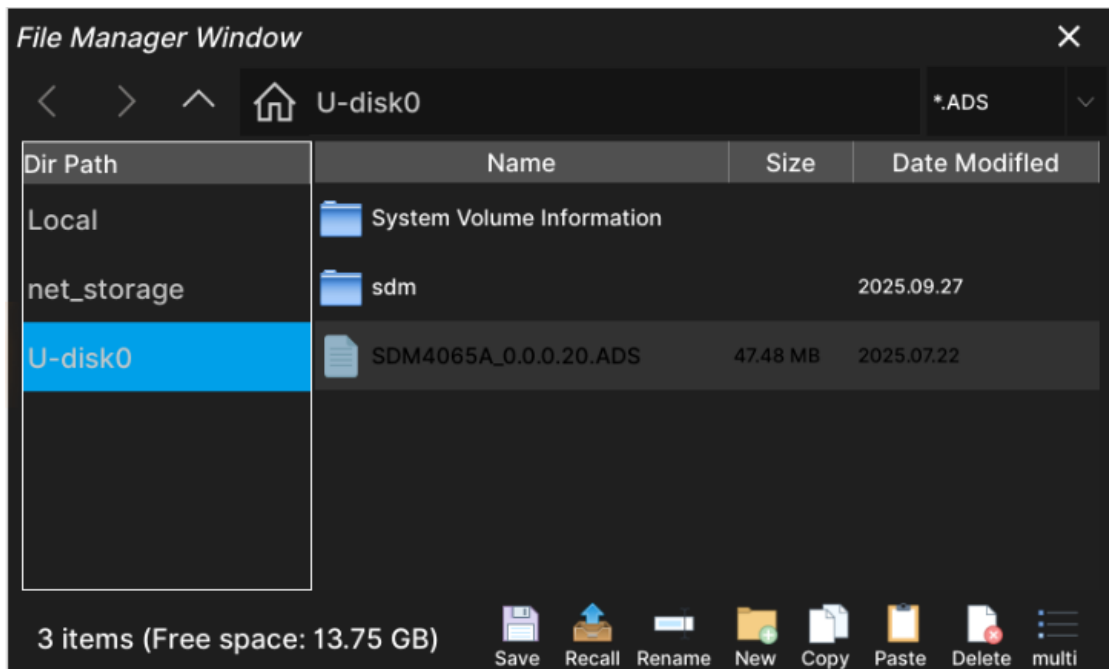
4. Click the recall icon in the interface above and the upgrade dialog appears.
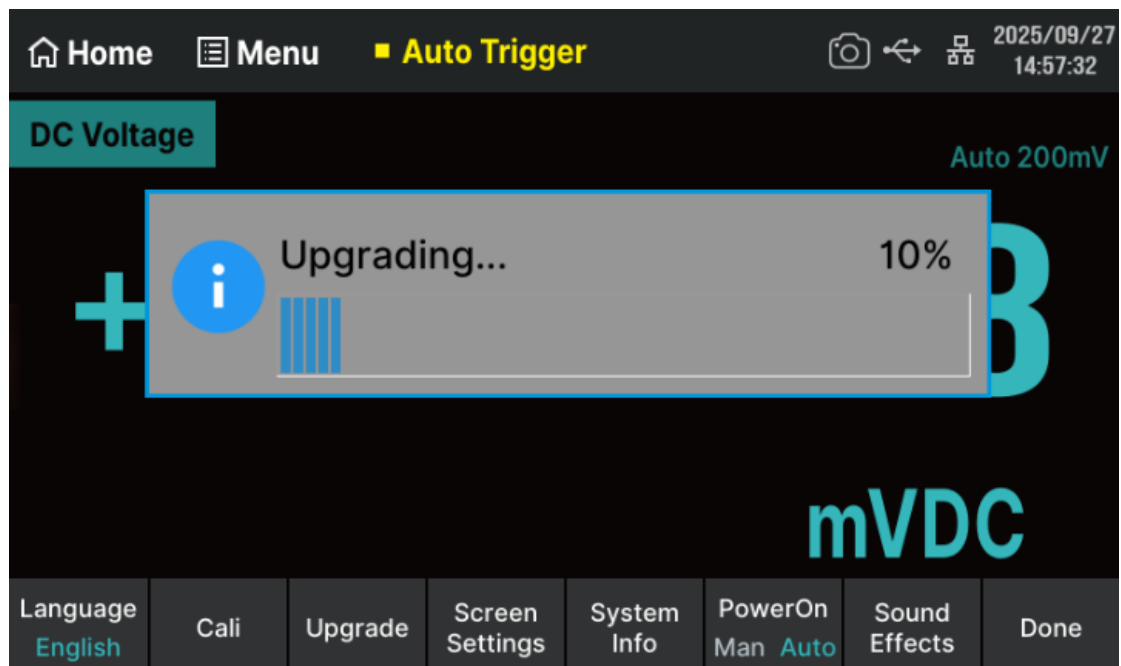
5. The SDM would reboot while the upgrade process is completed. The upgrade was finished.

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

System information:

|	
Instrument name: SDM4065A	Software version: 0.0.0.20
Series number: SDM46A0C900028	FPGA version: 2025-07-19-19
ID: 3400001dcc98c201	Hardware version: 00-01-00-02
BKF version: 05-02-5.08	Startup times: 171

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

Upgrade from the Web Server

A built-in web server provides an approach to control the instrument by web browser. This process doesn't require any additional software to be installed on the controlling computer. Set the LAN port correctly (see the User Manual for details), input the IP address of the instrument in the browser address bar, and then the user can browse and control the instrument on the web.
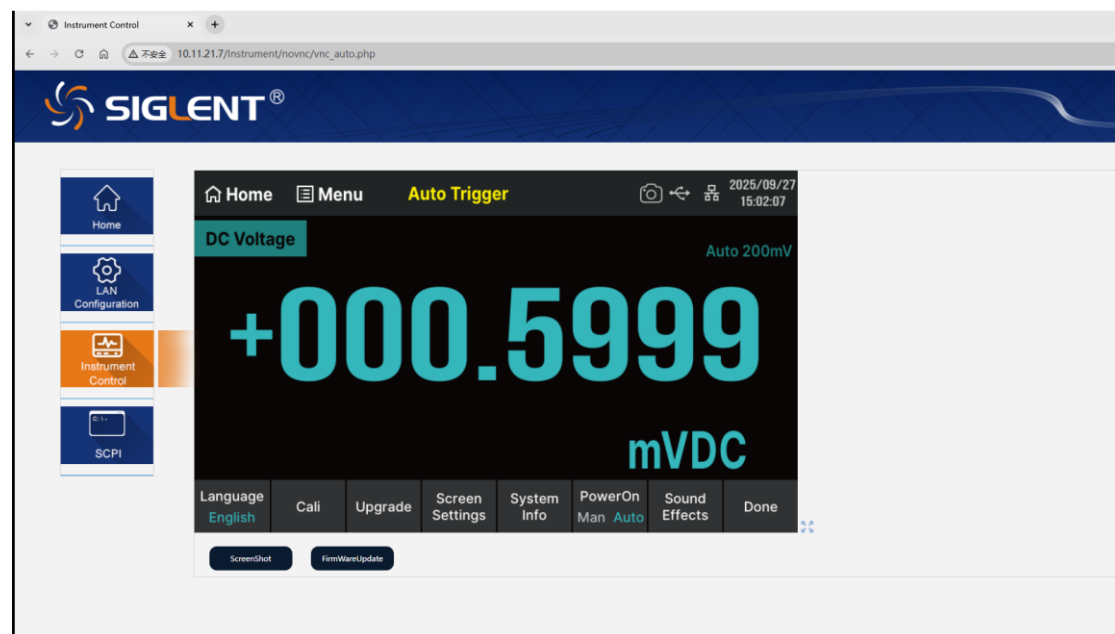
WARNING: DO NOT shut off the instrument until the update is completed.

1. Click the "FirmwareUpdate" button in the web interface
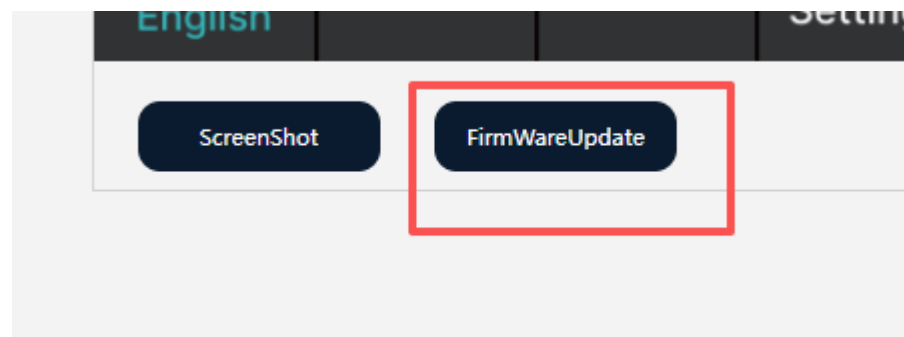
2. Select the correct update file (*.ads) stored on the computer. The instrument will automatically download the update file and perform the upgrade once the file is specified.

3. Wait for the upgrade complete, the specific response of the device is consistent with the above USB disk operation.

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