Revision History

Date	Version	Revision
2024/06/14	1.1.3.8	1. Optimize UI, change "on/off" to "On/Off". 2. Solve the problem that some numbers from 200-223 cannot be entered in the first byte of the IP address. 3. Standard software functions of FG and LA.
2024/05/22	1.1.3.6	1. Solve the problem of trigger holdoff fails. 2. Solve the problem of CAN decoding causing crashes with a small probability. 3. Modify the kernel solve the problem that scpi cannot be used on a computer with keysight driver installed. 4. Solve the problem of advanced trigger (Qualified, Nth Edge, Delay, Setup/Hold) parameters are not recalled. 5. Solve the problem of delay trigger level setting error. 6. Solve the problem of when the edge is set to Alternating, trigger jitter will occur when entering the other trigger type. 7. Solve some known problems. 8. Optimize waveform capture rate. 9. Optimize self calibration speed. 10. Optimize UI.
2024/01/02	1.1.3.1	1. Solve the problem of probe detection function fails. 2. Solve the problem of abnormal display without triggering in Dots mode. 3. Solve the problem of increasing the number of segments after opening multiple channels at a fixed sampling rate mode.
2023/09/23	1.1.0.2	1. Initial formal release of SDS1000X HD.

Compatibility between Versions

Source Version	Object Version	Compatibility
1.1.3.6	1.1.3.8	Yes
1.1.3.1	1.1.3.8	Yes
1.1.0.2	1.1.3.8	Yes
1.1.3.1	1.1.3.6	Yes
1.1.0.2	1.1.3.6	Yes
1.1.0.2	1.1.3.1	Yes

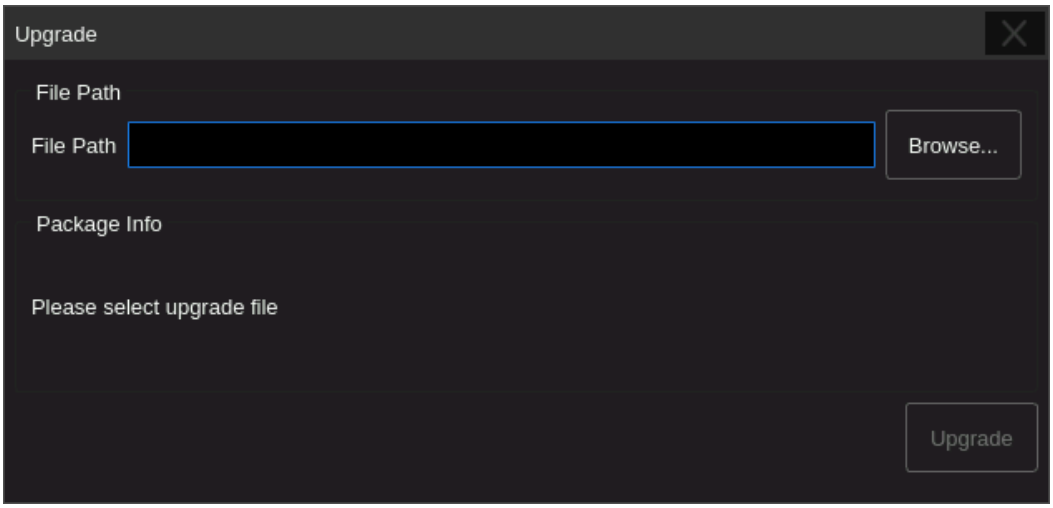
Upgrade Instructions

Upgrade from a U-disk (USB Memory device)

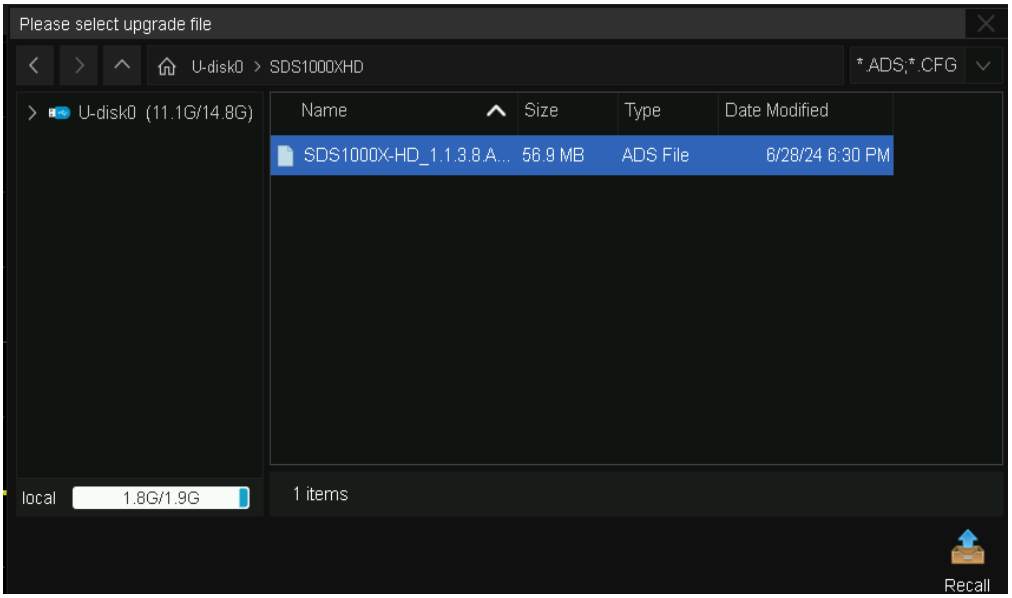
WARNING: DO NOT shut off the instrument until the update is completed.

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.

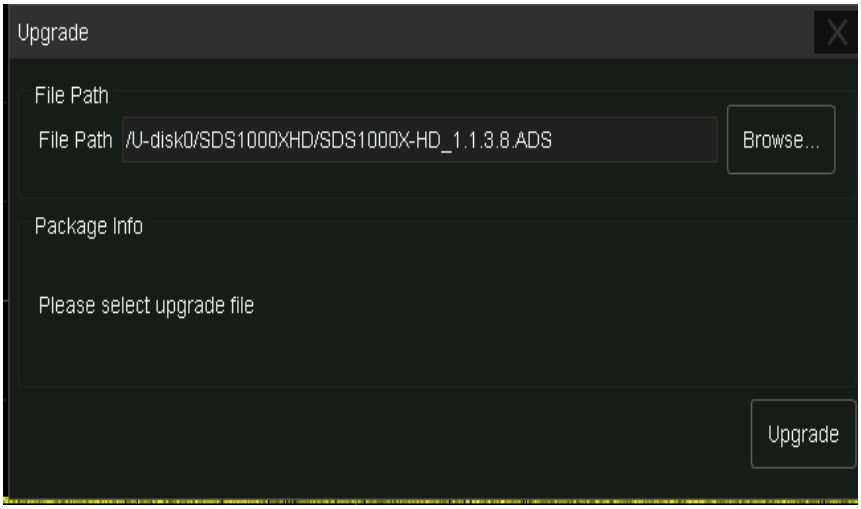
2. Perform "*Utility* -> *Menu* -> *Maintenance* -> *Upgrade*". The following the menu should pop up and allow you to select the upgrade file



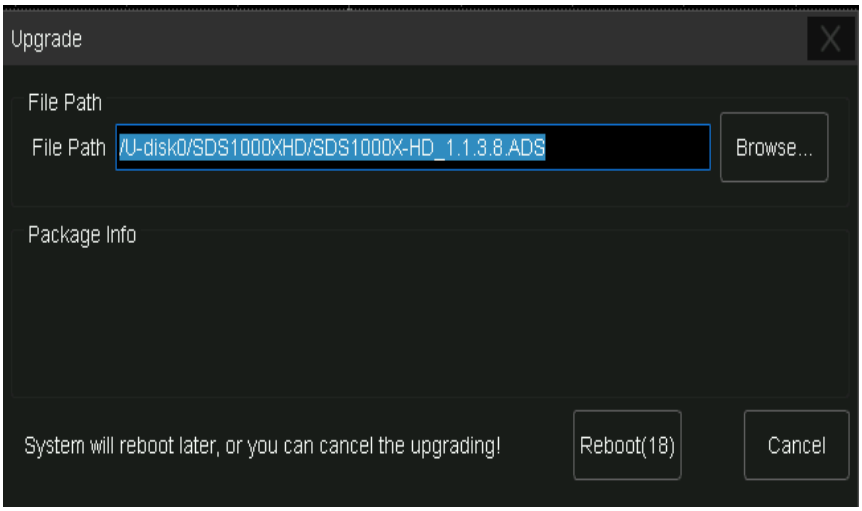
3. Click *Browse* in the menu above, and then select the correct update file (*.ads) in the pop-up resource manager



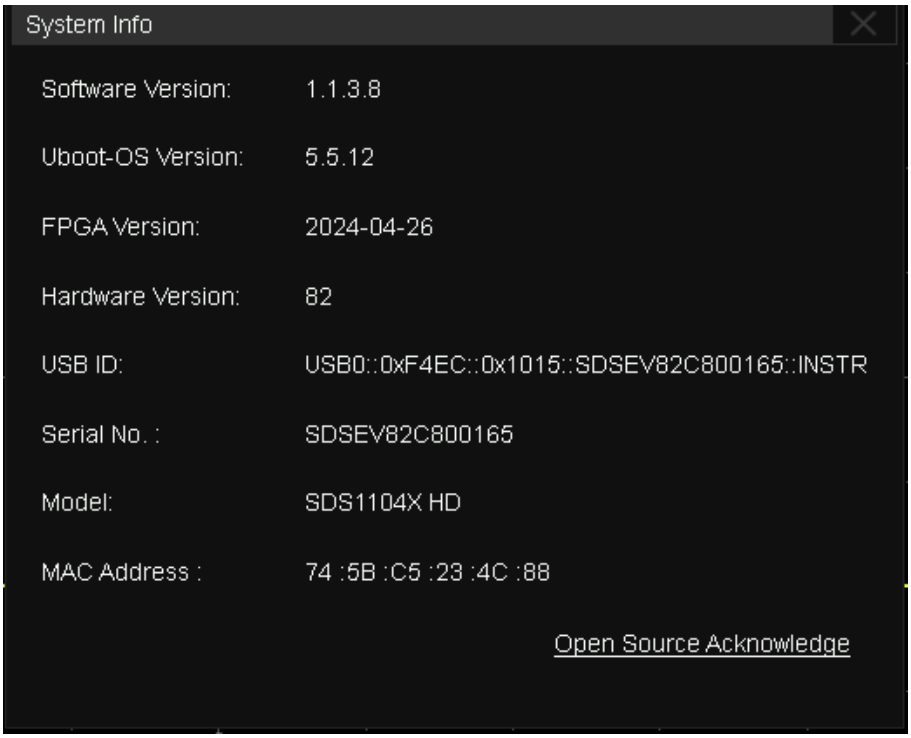
4. Click the recall icon in the interface above and return to the upgrade dialog. Click *Upgrade* to perform the upgrade operation:



5. The system will first copy and verify the upgrade package. After the upgrade package is validated, the following interface will appear. Click *Reboot* to continue the upgrade, or click *Cancel* to cancel it.



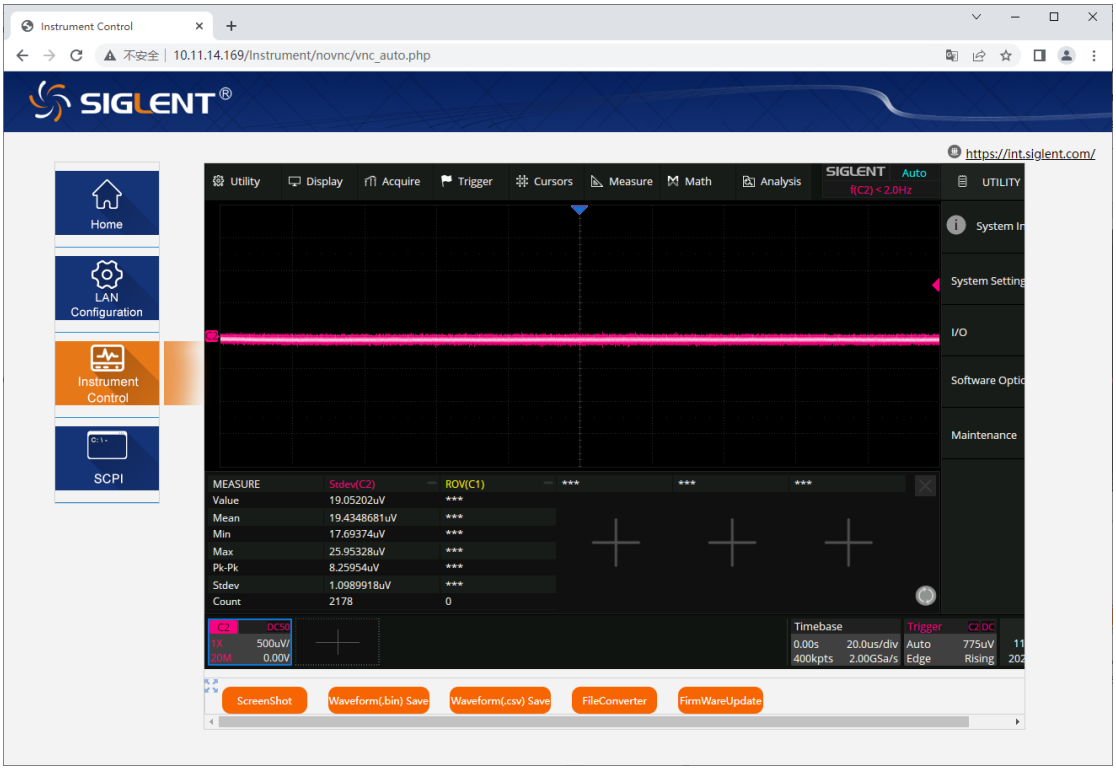
6. After the instrument reboots, check the version number through the steps *Utility* -> *Menu* -> *System Info* to confirm if the upgrade is successful.



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

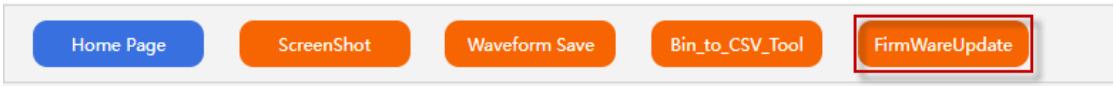
Upgrade from the Web Server

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.

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