# Revision Record

| Date | Version | Revision |
|---|---|---|
| 12/16/2025 | 1.2.3.4 | Fixed some issue on the production line. From user's perspective no difference with 1.2.3.1 |
| 11/4/2025 | 1.2.3.1 | 1. Measure: added new items UpLower, ΔTimeMax, ΔTimeMin<br>2. Math: FFT - added windows Blackman-Harris and Gaussian<br>3. Decode: Added SpaceWire, CANXL<br>4. Roll: Supported Math in Stop mode<br>5. Channel: in Eres mode to display the corresponding bandwidth information in the descriptor box<br>6. Digital<br>a) Digital channels ASCII decoding requested<br>b) Optimized labels' display<br>7. Save/Recall:<br>a) Supported AutoSave<br>b) File Manager: Supported to Select All<br>8. WebServer: supported inverted screenshot (according to the Image style setting in the Save menu); added virtual front panel; added Run/Stop button<br>9. UI:<br>a) Supported custom colors for XY trace<br>b) Supported to disable Time/Date display<br>c) Supported to specify Zoom region by drag a rectangle<br>10. Utility:<br>a) Supported password for screen saver<br>b) Key test: Supported to test the rotation direction of the encoders<br>11. Remote control:<br>a) a) added commands for counter<br>b) added commands for Δtime measurement<br>12. Fixed several bugs:<br>a) When saving inverted screenshot as JPG, PNG, trace color of channels changes<br>b) SCPI commands don't work in some cases setting horizontal parameters<br>c) Phase measure doesn't work in some case<br>d) In Eres mode, abnormal display on trace with 10Mpts length<br>13. Some SCPI issue on digital channels |
| 8/12/2025 | 1.2.2.20 | Fixed a bug which may cause the touch screen no response |
| 6/29/2024 | 1.2.2.9 | 1. Made Option 16LA Standard<br>2. Measure: added new items Δtime1 ~ Δtime4<br>3. Fixed several bugs<br>a) With low probability after start-up trace(s) not at Zero without input |

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|---|---|---|
| | | b) The color of “Math” LED not correct when F3 or F4 is activated<br>c) Chinese Traditional font issue<br>d) SMB connection fails when domain is used<br>e) IP setting issue<br>f) Scope dead when FW upgrade fails in the case that space at /local not enough |
| 2023/10/10 | 1.2.2.5 | 1. Supported Memory traces: M1 ~ M4<br>2. Math: supported 4 traces: F1~F4<br>3. Decode: supported ARINC429<br>4. Supported USB-GPIB adapter<br>5. Fixed several bugs<br>a) Incorrect time after reboot when time zone = Europe/Rome |
| 2022/9/5 | 1.2.1.1 | 1. Math: filter supported<br>2. Optimized knob acceleration<br>3. Force trigger strategy changed<br>4. Fixed several bugs<br>a) Scope gets confused about time zone and time<br>b) Digital Channels display bug with >5M memory |
| 2022/7/19 | 1.2.0.2 | Fixed some production issue. No functionality and performance difference between this release and 1.2.0.0. No need to upgrade to it if the version is already 1.2.0.0. |
| 2022/4/26 | 1.2.0.0 | 1. Acquire: Supported Fixed Sample Rate and Fixed Memory Length modes.<br>2. Optimized mouse lagging<br>3. Fixed several bugs<br>a) Digital Bus forgets position after reboot<br>b) Digital Channel Trigger bug<br>c) Digital channels show wrong data<br>d) Pattern trigger "some stucking" with digital channels on |
| | 1.1.8.0 | 1st release |

## Version Compatibility

| Source Version | Object Version | Compatibility |
|---|---|---|
| 1.2.0.2 | 1.2.3.1 | Tested |
| 1.2.0.2 | 1.2.2.9 | Tested |
| 1.2.0.2 | 1.2.2.5 | Tested |
| 1.2.1.1 | 1.2.2.5 | Tested |
| 1.2.0.2 | 1.2.1.1 | Tested |
| 1.1.8.0 | 1.2.1.1 | Tested |
| 1.1.8.0 | 1.2.0.0 | Tested |

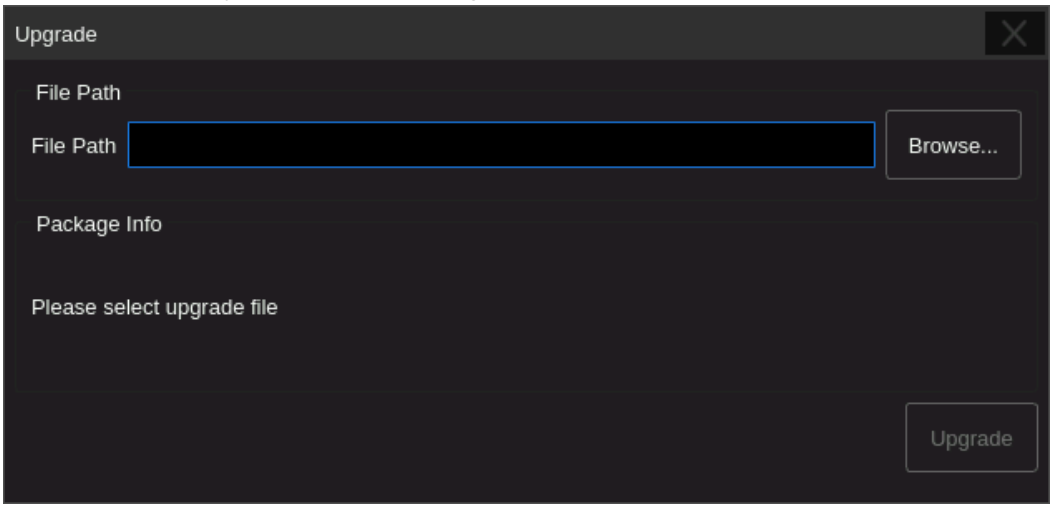
# Upgrade Instructions

### Upgrade from a U-disk (USB Memory device)

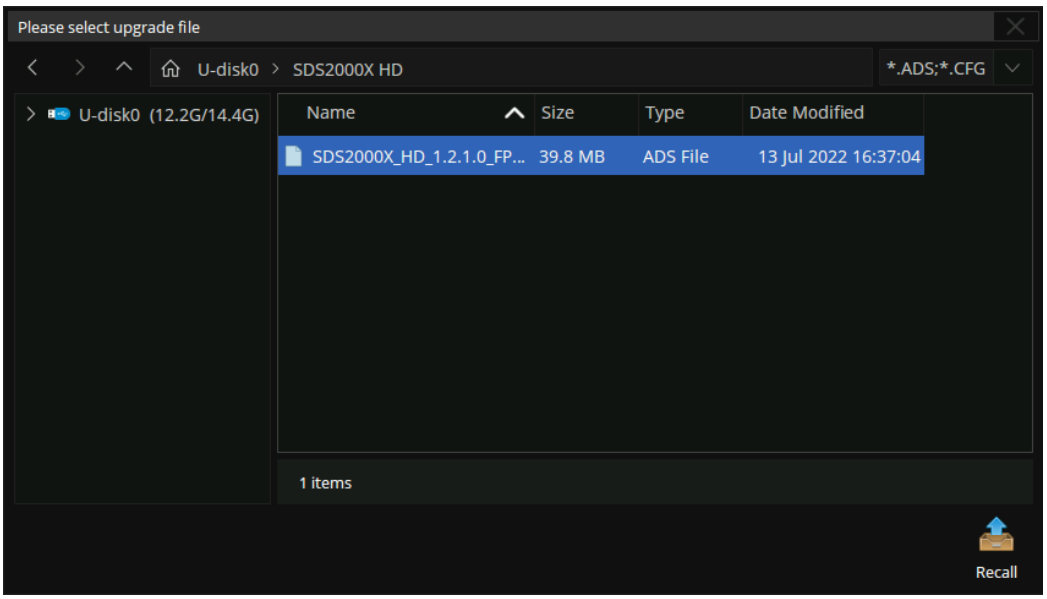
**WARNING: DO NOT shut off the instrument until the update is completed.**

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.

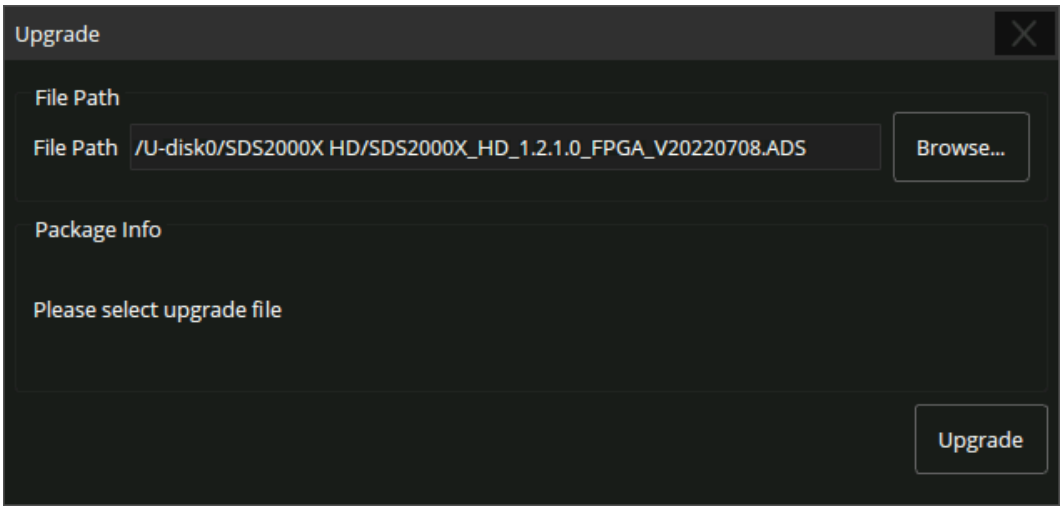
2. Perform "*Utility* -> *Menu* -> *Maintenance* -> *Upgrade*". The following the menu should pop up and allow you to select the upgrade file



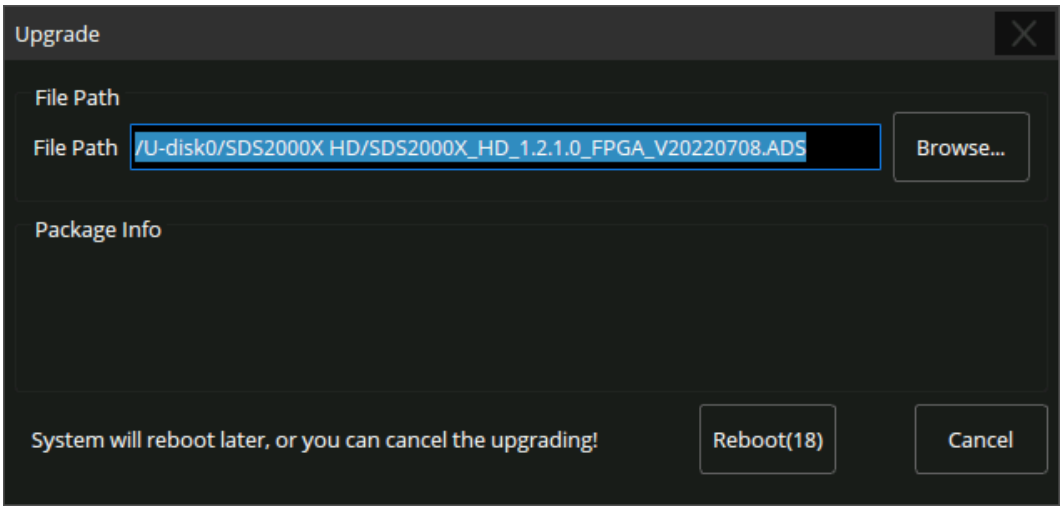

3. Click *Browse* in the menu above, and then select the correct update file (*.ads) in the pop-up resource manager



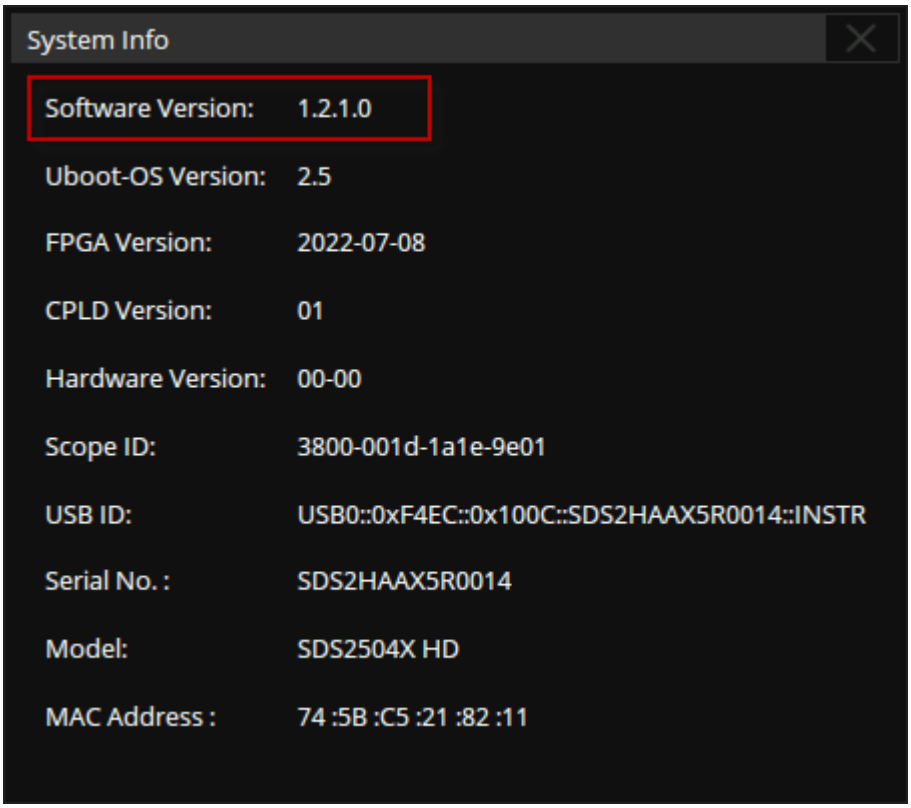
4. Click the recall icon  in the interface above and return to the upgrade dialog. Click *Upgrade* to perform the upgrade operation:




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.



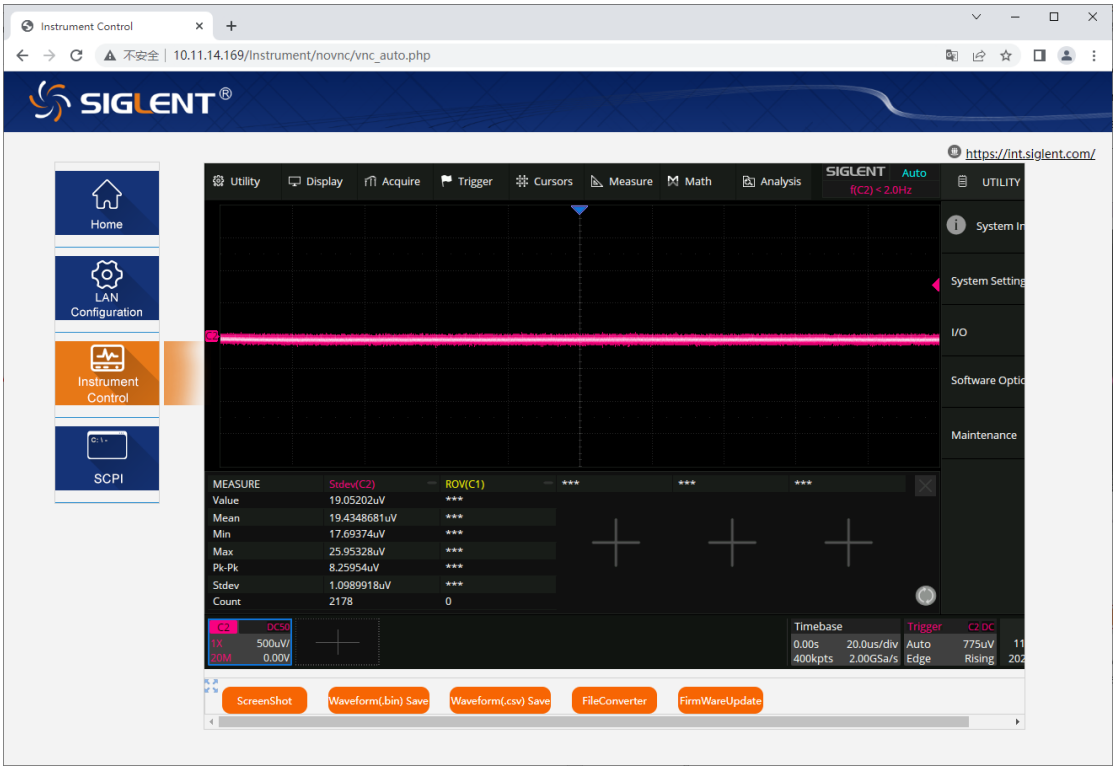

6. After the instrument reboots, check the version number through the steps *Utility* -> *Menu* -> *System Info* to confirm if the upgrade is successful.




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

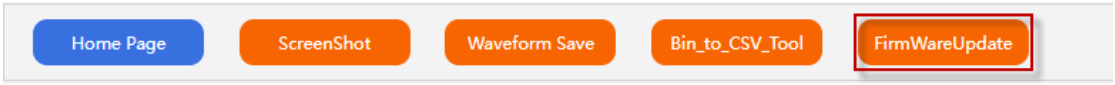
### Upgrade from the Web Server

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.**