Revision Record

Date	Version	Revision		
12/25/2024	1.1.7.7	1.	Supported new model: SDS7604A H12	
		2.	Cursor: new cursor strategy, supporting multi cursors	
		3.	Made Option 16LA Standard	
		4.	Fixed several bugs	
			a) Stuck at splash screen after upgrade	
			b) Power off operation at start-up process brings the instrument to	
			dead	
6/4/2024	1.1.5.2		Solved some issue on production line	
3/28/2024	1.1.5.1	1.	Cursor: Supported more cursors, and more flexible cursor combination	
		2.	Measure:	
			a) Added item UpperLower	
			b) Supports to zoom in/out Histogram window	
			c) Supports two units for Histogram vertical axis: Percent, Count	
		3.	Fixed several bugs	
3/7/2024	1.1.4.2	1.	Supported new probes: Siglent's SCP5030, SCP5030A, SCP5150,	
			SCP5500	
		2.	Measure: Optimized UX of Track and Trend; Supported to export	
			measure data	
		3.	Fixed several bugs	
			a) Slow response after pressing Math button	
			b) AWG: SCPI cannot set Load	
			c) Some bugs of USB2.0 compliance test	
			d) Some bugs of 100Base-TX and 1000Base-T compliance test	
		4.	Some bugs on Options' unlock	
	1.1.2.0	1 st ı	1 st release	

Version Compatibility

Source Version	Object Version	Compatibility
1.1.2.0	1.1.7.7	Tested
1.1.2.0	1.1.5.1	Tested
1.1.2.0	1.1.4.2	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 3.0 host ports of the instrument.

2. Click "*Utility*-> *menu*" on the top menu bar, and then click "*Maintenance* -> *Upgrade*" on the right menu bar. The following the menu should pop up and allow you to select the upgrade file

Upgrade	
File Path	Browse
Package Info Please select upgrade file	
	Upgrade

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 4. Click the recall icon 4. Click the recall icon 4.

Click *Upgrade* to perform the upgrade operation:

Upgrade	
File Path File Path /U-disk1/SDS7000_V1.1.4.2.ADS	Browse
Package Info Please select upgrade file	
	Upgrade

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.

Upgrade		X
File Path File Path /U-disk1/SDS7000_V1.1.4.2.ADS		Browse
Package Info		
System will reboot later, or you can cancel the upgrading!	Reboot(18)	Cancel

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



System Info	×
Software Version:	1.1.4.2
Uboot-OS Version:	04.13.01
FPGA Version:	2023-09-06
CPLD Version:	00.00
Hardware Version:	01-01
MCU Version:	20210903
Scope ID:	e709-22fe-5861-2b5b
USB ID:	USB0::0xF4EC::0x1024::SDS70020230606::INSTR
Serial No. :	
Model:	SDS7404A H12

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



 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.