# **Revision Record**

Date	Version	Revision			
6/29/2024	1.0.7.9	Made Option 16LA Standard			
3/28/2024	1.0.7.8	1. Fixed several bugs			
		a) Cannot exit from Bode plot in some case			
		b) Cannot detect active probes correctly when the probes are			
		connected at power-on			
		c) "Set to 50% level" takes the scope frozen in some case			
		d) Sample rate is displayed incorrectly after reboot from Fixed			
		Memory Length mode			
9/6/2023	1.0.6.3	1. Fixed some serious bugs in Roll and Sequence			
		2. Optimized external trigger jitter			
		3. Fixed some freezing bugs			
2/9/2023	10.5.3	1. Added Multi-Device mode, supporting automatically skew calibration			
		between devices			
		2. Fixed some serious bugs in Zone Trigger, serial trigger and Mask test			
		3. Fixed several bugs			
	1.0.4.6	1 <sup>st</sup> release			

## SDS6000L Firmware Revision Record and Upgrade Instructions

# Version Compatibility

Source Version	<b>Object Version</b>	Compatibility
1.0.6.3	1.0.7.9	Tested
1.0.6.3	1.0.7.8	Tested
1.0.5.3	1.0.6.3	Tested
1.0.4.6	1.0.6.3	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. Press " *Utility* -> *Menu* -> *Maintenance* -> *Upgrade*". The following the menu should pop up and allow you to select the upgrade file

Upgrade	X
File Path	
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

Please select upgrade file						$\times$	
く 〉 ^ (☆ U-disk0 > sds6i *.ADS;*.CFG							
> 🚥 U-disk0 (5.8G/14.4G)	Name	^	Size	Туре	Date Modified		
	SDS6000L_1.0.5.3.ADS		94.7 MB	ADS File	14 Jan 2023 10:2	22:	
	SDS6000L_1.0.6.1.ADS	N	96.1 MB	ADS File	12 Jul 2023 11::	18:32	
		R					
local 1.7G/1.9G	2 items						
						ŕ	<b>1</b>
						R	ecall



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-disk0/sds6l/SDS6000L_1.0.6.1.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		
File Path File Path /U-disk0/sds6l/SDS6000L_1.0.6.1.ADS		Browse
Package Info		
System will reboot later, or you can cancel the upgrading!	Reboot(15)	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:	1.0.6.1
Uboot-OS Version:	4.29
FPGA Version:	2023-06-09
CPLD Version:	40
Hardware Version:	02-01
MCU Version:	20211228
Scope ID:	697f-78d7-aa67-34fa
USB ID:	USB0::0xF4EC::0x1013::SDS60020230601::INSTR
Serial No. :	
Model:	SDS6208 H10 Pro
MAC Address :	E0 :92 :8F :E2 :57 :8C

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.

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SIGL	ENT®			XX
Home	Instrument Information B			https://int.siglent.com/
	Instrument Model	SDS6204L H12		
	Manufacturer	Siglent Technologies		
Configuration	Serial Number	0123456789		
	Description	Siglent Technologies Oscilloscope SDS6204L H12 - 0123456789		
Instrument Control	LXI Extended Functions			
(61+	LXI Version	1.5 LXI Device Specification 2016		
SCPI	Hostname	SDS6204LH12.local		
501	MAC Address	18-45-16-20-D7-48		
	TCP/IP Address	10.12.255.127		
	Software Version	1.19.1.0.3.2 Aug 23 2022 15:13:01		
	Instrument Address String	TCPIP::10.12.255.127::INSTR		
	Instrument Identification	Start		
			Address Versterley Co. 114 BANK	

- A. Input the IP address of the instrument
- B. Instrument information
- C. Click here to recall the instrument control interface

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

1. Click the "FirmwareUpdate" button in the web interface

Home Page	ScreenShot	Waveform Save	Bin_to_CSV_Tool	FirmWareUpdate	
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 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.