

## **Revision Record**

Date	Version	Rev	vision				
5/14/2020	1.3.5R5	1.	Supported to hide analog traces				
		2.	Added function expression information to the math box				
		3.	Optimized AWG DC output accuracy at +/-3V				
		4.	Frequency counter supported to count serial trigger events				
		5.	Fixed several bugs				
			a) Incorrect cursor horizontal label for FFT traces				
			b) 2-channel 100MHz model cannot be upgraded to 350MHz				
			c) FRFR measure invalid from Roll to Stop				
			d) Unexpected behaviors when probe attenuation factor is not 1x				
			e) Some bugs in PA				
2/16/2020	1.3.5R3	1.	Supported Sign as a math function				
		2.	Updated the Webserver. The built-in bin2csv tool supported to convert binary				
			data of digital channels				
		3.	Added English help information				
		4.	Fixed several bugs				



# Version Compatibility

Source Version	<b>Object Version</b>	Compatibility
1.3.5R3	1.3.5R5	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 the Utility button on the front panel, and press "*System Setting* -> 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				X
			Back	Reload
Name	Size	Туре	Date Modified	
SDS2000X +_1.3.4_FPGA_V20191108.ADS	29274 KB	ADS	Mon Nov 11 09:54:	32 2019
SDS2000X +_1.3.5R3_FPGA_V20191219.ADS	30161 KB	ADS	Thu Dec 26 18:51:	14 2019
			Cancel	ок
				UK

4. Click OK in the interface above and return to the upgrade dialog. Click Upgrade to



perform the upgrade operation:

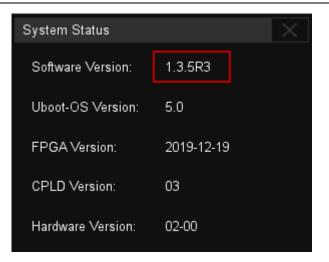
Upgrade	X
File Path	
File Path /U-disk0/sds2000x+/SDS2000X+_1.3.5R3_FPGA_V20191219.ADS	Browse
Package Info	
Please select upgrade file	
	Upgrade

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/sds2000x+/SDS2000X+_1.3.5R3_FPGA_V20191219.ADS	Browse
Package Info	
System will reboot later, or you can cancel the upgrading!	Cancel

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





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

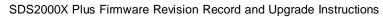
#### Upgrade from the Web Server

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.

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∽ SIGLENT®			~
			https://int.siglent.com/
ŵ	Instrument Infomatio	on B	
Home	Instrument Model	SDS2504X+	
<u>کې</u> LAN	Manufacturer	Siglent Technologies	
Configuration	Serial Number	SDS2PCAQ3R0003	
	LXI Extended Functions	Null	
Control	LXI Version	1.5 LXI Core 2017	
	MAC Address	74:5b:c5:21:11:32	
C: \ -	TCP/IP Address	10.11.11.233	
SCPI	Software Version	5.0.1.3.5R3	
	Instrument Address String	TCPIP::10.11.11.233::INSTR	
		4	DSiglent Technologies Co.,Ltd. 2017

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

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



😂 Utility	🖵 Display	rfi Acquire	🏲 Trigger	# Cursors	📐 Measure	🕅 Math	💩 Analysis	SIGLENT f<2		🗐 SYSTE	EM SETTIN
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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.