

Revision History

Date	Version	Revision
2018/09/20	6.1.26	<ol style="list-style-type: none"> Added SCPI command to set up gated measurements and return the data. Customers can save the result of decode list table to a CSV file. Modified the color of FFT to match the trace selected. There are some times of quick calibration during warming up the SDS XE. Added a menu below Utility to disable the quick calibration so that the sampling isn't interrupted. Created software that converts binary waveform data to CSV. It can be downloaded from the embedded web server on the scope. Fixed the bug: "Screen Save" button on web page does not work with some browsers. Fixed the bug: The setting of Educational mode can't be saved after power off. Fixed a bug with MSO decoding. and the SLA1016 firmware also needs to be updated to 8.1.11. Fixed the bug: The binary block returned by the WAVEFORM command contains the length of the block in the "#9" header. This length is incorrect when the NP option of the WFSU command is used; the header then gives the memory depth instead of the actual size of the block. Fixed the bug of the scope response from the WAVEFORM command prefixes the binary block with the string "ALL," even when "CHDR OFF" is used. Added exiting the on-screen keyboard by OK button.
2018/05/31	6.1.25R2	<ol style="list-style-type: none"> Fixed the bug: Once the acquisition is stopped, the scope often can't find search events in other channels. Fixed the bug: In certain situations, the scope freezes when the Auto Setup button is pressed. Fixed the bug: The Pass/Fail mask is not correct at edge of screen left and right. Attenuation and invert indicator were added into the channel tab. Any arbitrary probe factor from 1e-6 to 1e6 can be set by universal knob. Got rid of suffix 'A' that stands for 'Acknowledge' from I2C decode.

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		<ul style="list-style-type: none"> 7. Fixed the bug: The dedicated window for long I2C data sometime lose data at right edge. 8. Fixed the bug: The decoder sometimes does not show any info. 9. Fixed the bug: After updating to the last firmware and OS version, the remote panel/control interface can no longer be connected.
2018/05/02	6.1.25R1	<ul style="list-style-type: none"> 1. Increased XY mode wave fresh speed 2. Changed the displayed system information screen. From ADS version of 6.1.25R1, the info screen now shows 5 sections of software versions, including the OS version ID 3. Optimized remote webpage screen update rate. Requires both OS and ADS update which are located on the SIGLENT product webpage. 4. Add virtual control panel for PC and mobile terminals.. 5. Added SCPI commands for Math waveforms (except FFT) and digital channel waveforms (ADS version of SLA1016 should be $\geq 8.1.9$) See the SIGLENT product webpage for software updates. 6. Added Digital Channel cursor support 7. Optimized accuracy of horizontal measurement, especially when there are only a few samples in very small timebase 8. The 'Link to Trigger' menu modified to 'Copy setting' 9. Added ability to disable one direction of the full duplex encoders 10. Fixed the bug related to displaying long IC2 decoded packets 11. Fixed the bug: SDS1004X-E webpage update would sometimes fail 12. Fixed the channel inversion bug when changing timebase from 1ms to 2ms 13. Fixed the bug: Unreadable digital system information
2018/02/27	6.1.20R1	<ul style="list-style-type: none"> 1. Added Bode Plot support for all of Siglent 's SDG instruments 2. Fixed a bug in 6.1.20 which maybe cause the signal disappear after self-calibration for channels
2018/02/01	6.1.20	<ul style="list-style-type: none"> 1. Add MSO/Logic functionality 2. Added automatic vertical scale (volts/div) in Bode Plot mode

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		3. Added USB WiFi support 4. Optimized the WiFi GUI 5. Automatic Roll mode selection will be disabled if manually disabled once 6. Renamed Runt-Trigger in German 7. Fixed a bug in the I2C triggering system of 7 bit Address& Data 8. Improved Auto Setup function with 1K compensation output 9. Improved waveform update when using sequence mode on long timebases 10. Optimize self-calibration for channels
2017/12/18	6.1.12R1	1. Modified Pass/Fail output pulse to 5us
2017/11/16	6.1.12	1. Initial formal release of SDS1004X-E

Compatibility between Versions

Source Version	Object Version	Compatibility
6.1.25R2	6.1.26	Yes
6.1.25R1	6.1.26	Yes
6.1.20R1	6.1.26	Yes
6.1.20	6.1.26	Yes
6.1.12R1	6.1.26	Yes
6.1.12	6.1.26	Yes

Update instructions

- ◆ Very important!
Because 6.1.20R1 fixed a bug with self-calibration for each channel, immediately perform a self-calibration if the machine is updated to 6.1.20R1(or higher)