

Revision History

| Date | Version | Revision |
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| 2019/08/21 | 1.1.19R2 | <ol style="list-style-type: none">1. Optimized communication between SDS2000X-E and SLA1016. This revision (and higher) requires the SLA1016 MUST be upgraded to 8.1.16 (or higher) first. Please take a look at 'Compatibility with SLA1016' at the end of the release notes.2. Optimized Bode Plot: Accuracy and Sensitivity Improvement, New Vari-level Mode for Testing Loop Response, Miscellaneous Function and UI Improvements.3. Optimized FFT UI: Added Peaks, Markers, and search within FFT.4. Optimize self-calibration for channels.5. Optimized accessing USB drive so that when a USB drive is moved to a computer, Windows will not prompt a restoration of the USB drive.6. Optimize WIFI connection: 63 characters can now be used for a WPA2 PSK key.7. Added parity options of MARK/SPACE for UART of 9-bit Decode.8. Optimized behavior of the cursors (x-axis): Added a mode that the cursors remain at the set position on the waveform when changing time base.9. Added automatic reset to 0 for sample count for statistics after any timebase or voltage range changes.10. Fixed the bug: The audible beeper activation would affect the voltage waveform displayed for CH2.11. Fixed the bug of ROV measurement.12. Fixed the bug: Normal trigger can show more-than-one trigger event on the display at one time.13. Fixed the bug: Erratic triggering, randomly jumping between the first and the second edge of a signal.14. Fixe the bug: The acquire time of history is reset to zero if the time reach 1 hour and 11 minutes. The delta time is also wrong if the period is longer than 1 hour and 11 minutes.15. Fixed The SPI triggering issue: the 16-bit trigger wouldn't work for a gap >360 ns between the two 8-bit packets.16. Fixed the bug: Save/Recall setup of trigger and scale issue. (SalesForce ID : P-00199) (SalesForce ID : P-00200)17. Fixed the bug: Reading cursors by SCPI is not accuracy. |

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| | | (SalesForce ID : P-00201) |
| | | 18. Fixed the bug: In fine adjust mode, some scale such as 302 mV/DIV is in the wrong position. |
| | | 19. Fixed the bug: LIN decoder doesn't decode frames with zero-length response. |
| | | 20. Fixed the bug: If the Courser Offset is not a multiple of zoom time base, the curser will be replaced when zoomed. |
| | | 21. Fixed the bug: The measurements made with the cursor in Ref. Give wrong values for all the different probes of X1. |
| | | 22. Fixed the bug: Measures fairs with GATE give completely random values in signals of low frequency. |
| 2018/12/24 | 1.1.17R6 | 1. Fixed the bug: If the oscilloscope is switched off when the CH1 menu is active, it remains without a menu when switching on again. |
| 2018/12/12 | 1.1.17R5 | 1. Initial formal release of SDS2000X-E |

Compatibility between Versions

| Source Version | Object Version | Compatibility |
|----------------|----------------|---------------|
| 1.1.17R6 | 1.1.19R2 | Yes |
| 1.1.17R5 | 1.1.19R2 | Yes |

Compatibility with SLA1016

| Source Version | Object Version | Compatibility |
|----------------|----------------|---------------|
| 8.1.16 | 1.1.19R2 | Yes |
| 8.1.11 | 1.1.19R2 | No |
| 8.1.9 | 1.1.19R2 | No |
| 8.1.8 | 1.1.19R2 | No |

Update instructions

◆ **Very important!**

Optimized communication between SDS2000X-E and SLA1016. If the SDS2000X-E will be upgraded to 1.1.19R2 (or higher), the SLA1016 **MUST** be upgraded to 8.1.16 (or higher) first.

◆ **Important!**

Because 1.1.19R2 optimized self-calibration for each channel. Please perform a self-calibration if the machine is updated.