

## Revision History

Date	Version	Revision
2018/05/031	6.1.25R2	<ol style="list-style-type: none"><li>Fixed the bug: Once the acquisition is stopped, the scope often can't find search events in other channels.</li><li>Fixed the bug: In certain situations, the scope freezes when the Auto Setup button is pressed.</li><li>Fixed the bug: The Pass/Fail mask is not correct at edge of screen left and right.</li><li>Attenuation and invert indicator were added into the channel tab.</li><li>Any arbitrary probe factor from 1e-6 to 1e6 can be set by universal knob.</li><li>Got rid of suffix 'A' that stands for 'Acknowledge' from I2C decode.</li><li>Fixed the bug: The dedicated window for long I2C data sometime lose data at right edge.</li><li>Fixed the bug: The decoder sometimes does not show any info.</li><li>Fixed the bug: After updating to the last firmware and OS version, the remote panel/control interface can no longer be connected.</li></ol>
2018/05/02	6.1.25R1	<ol style="list-style-type: none"><li>Increased XY mode wave fresh speed</li><li>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</li><li>Optimized remote webpage screen update rate. Requires both OS and ADS update which are located on the SIGLENT product webpage.</li><li>Add virtual control panel for PC and mobile terminals..</li><li>Added SCPI commands for Math waveforms (except FFT) and digital channel waveforms (ADS version of SLA1016 should be <math>\geq</math> 8.1.9) See the SIGLENT product webpage for software updates.</li><li>Added Digital Channel cursor support</li><li>Optimized accuracy of horizontal measurement, especially when there are only a few samples in very small timebase</li><li>The 'Link to Trigger' menu modified to 'Copy setting'</li><li>Added ability to disable one direction of the full duplex encoders</li><li>Fixed the bug related to displaying long IC2 decoded packets</li><li>Fixed the bug: SDS1004X-E webpage update would sometimes fail</li><li>Fixed the channel inversion bug when changing timebase from 1ms to 2ms</li><li>Fixed the bug: Unreadable digital system information</li></ol>

Date	Version	Revision
2018/02/27	6.1.20R1	<ol style="list-style-type: none"> <li>Added Bode Plot support for all of Siglent' s SDG instruments</li> <li>Fixed a bug in 6.1.20 which maybe cause the signal disappear after self-calibration for channels</li> </ol>
2018/02/01	6.1.20	<ol style="list-style-type: none"> <li>Add MSO/Logic functionality</li> <li>Added automatic vertical scale (volts/div) in Bode Plot mode</li> <li>Added USB WiFi support</li> <li>Optimized the WiFi GUI</li> <li>Automatic Roll mode selection will be disabled if manually disabled once</li> <li>Renamed Runt-Trigger in German</li> <li>Fixed a bug in the I2C triggering system of 7 bit Address&amp; Data</li> <li>Improved Auto Setup function with 1K compensation output</li> <li>Improved waveform update when using sequence mode on long timebases</li> <li>Optimize self-calibration for channels</li> </ol>
2017/12/18	6.1.12R1	<ol style="list-style-type: none"> <li>Modified Pass/Fail output pulse to 5us</li> </ol>
2017/11/16	6.1.12	<ol style="list-style-type: none"> <li>Initial formal release of SDS1004X-E</li> </ol>

## Compatibility between Versions

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

## Update instructions

◆ Very important!

Because 6.1.25R2 fixed a bug with self- calibration for each channel, immediately perform a self-calibration if the machine is updated to 6.1.25R2(or higher)