

## Revision History

Date	Version	Revision
2025/03/28	1.1.6.5	<ol style="list-style-type: none"> <li>1. Fixed several bugs               <ol style="list-style-type: none"> <li>a) Scope won't boot if set for DHCP and connected to LAN without DHCP server</li> <li>b) An "Acquiring" progress bar is showing up on 1 ms/div instead of 100ms/div as before</li> <li>c) Remove BW Limit warning</li> <li>d) When FFT is set to certain frequency bands, such as 1kHz to 6kHz, meaningless axis labels are displayed (sweep mode is set to logarithmic)</li> </ol> </li> </ol>
2024/12/17	1.1.6.2	<ol style="list-style-type: none"> <li>1. Support decode after roll stop</li> <li>2. Support decode hysteresis</li> <li>3. Support Blackman-Harris and Gaussian window of FFT</li> <li>4. Support XY split screen display</li> <li>5. Support movable channel label</li> <li>6. Support saving measurement statistics results</li> <li>7. Remote reading acceleration(SERVICE-&gt;WAV ACC)</li> <li>8. Optimize UI               <ol style="list-style-type: none"> <li>a) Add confirmation dialog for save To Default Key</li> <li>b) Remove excess zeros in the axis labels</li> <li>c) When the horizontal axis labels are too long, they will be displayed alternately up and down</li> <li>d) Use real "μ" instead of small letter "u".</li> </ol> </li> <li>9. Fixed several bugs               <ol style="list-style-type: none"> <li>e) When Beep enabled, physical buttons beep only until first move of any encoder</li> <li>f) When the probe is not 1X and the vertical reference is Offset, the zoom area is unreasonable when changing the vertical scale</li> <li>g) After NTP synchronization time, the history list time is wrong</li> <li>h) When the points is <math>\geq 10M</math>, FFT has unreasonable spurious signals</li> </ol> </li> </ol>
2024/06/14	1.1.3.8	<ol style="list-style-type: none"> <li>1. Optimize UI, change "on/off" to "On/Off".</li> <li>2. Solve the problem that some numbers from 200-223 cannot be entered in the first byte of the IP address.</li> <li>3. Standard software functions of FG and LA.</li> </ol>
2024/04/26	1.1.3.6	<ol style="list-style-type: none"> <li>1. Solve the problem of trigger holdoff fails.</li> <li>2. Solve the problem of CAN decoding causing crashes with a small probability.</li> <li>3. Modify the kernel solve the problem that scpi cannot be used</li> </ol>

Date	Version	Revision
		on a computer with keysight driver installed. 4. Solve the problem of advanced trigger (Qualified, Nth Edge, Delay, Setup/Hold) parameters are not recalled. 5. Solve the problem of delay trigger level setting error. 6. Solve the problem of when the edge is set to Alternating, trigger jitter will occur when entering the other trigger type. 7. Solve some known problems. 8. Optimize waveform capture rate. 9. Optimize Self calibration speed. 10. Optimize UI.
2024/02/26	1.1.3.3	1. Solve the problem that Bode Plot cannot control sdg1000 2. Solve the problem that user probe coefficient is not restored after reboot. 3. Solve the problem that the screen does not support multi-touch.
2024/01/02	1.1.3.1	1. Initial formal release of SDS800X HD

## Compatibility between Versions

Source Version	Object Version	Upgradeable	Downgradeable
1.1.6.2	1.1.6.5	Yes	Yes
1.1.3.8	1.1.6.5	Yes	Yes
1.1.3.6	1.1.6.5	Yes	Yes
1.1.3.3	1.1.6.5	Yes	Yes
1.1.3.1	1.1.6.5	Yes	Yes

## Update instructions

Note:

1. If the hardware version number is 31, b1, it cannot be rolled back to a version before 1.1.6.2