Instrument Firmware Release Notes

Models

DS4012, DS4014, DS4022, DS4024, DS4032, DS4034, DS4052, DS4054, MSO4012, MSO4014, MSO4022, MSO4024, MSO4032, MSO4034, MSO4052, MSO4054

Version Information

Released version: 00.02.02.03.05
Release Date: 5/1/2015

Compatibility

Compatible with earlier versions of the hardware

Change Log

Key:
   E – Enhancements. Changes that add functionality
   M – Modifications. Changes to improve performance on existing features
   C – Cancellation. Removal of function or capability

*Note: Engineering change log is translated from engineering documentation

Version：00.02.02.03.05		Date：2015-04-08	
1.	Modify the message hint for the license and firmware installing window		M
2.	Improve the friendliness of the license installing and updating menu		M
3.	Fixed the bug of SCPI GPIB communication		M
4.	Fixed the bug of SCPI USB communication		M
5.	Fixed the data fetching of the decoder		M
6.	Supporting the license file installed by U DISK		E
7.	Supporting the upgrading of bandwidth by license		E
8.	Supporting the decoder of multi-modules license file		E
9.	Fixed the data fetching of the decoder		M
10.	Fixed the crashing problem of high-res mode sampling		M
11.	Fixed the status error of reading ASCII format memory data		M
12.	Fixed the crashing problem of adjusting the offset in the slow scan mode.		M

Version : 00.02.02.01.01		Date : 2014-10-10	
1.	Added the function and menu support for T2R1000		E
2.	Added the function and menu support for RP7000S		E
3.	Added the label for Math		E
4.	Added RMS measure of n cycle		E
5.	Added phase and delay measure of different edge		E
6.	Added menu languages for German, Portuguese, Japanese, Korean and Polish		E
7.	Create shortcut menu in decoder.		E
8.	The wave can't refresh when opening and closing measure statistics repeatly.		M
9.	The menu can't refresh after opening wave zoom when STOP		M
10.	The menu are wrong after inserting the active probe.		M
11.	The Measure value are not refresh after changing the thresholds when STOP		M
12.	The wfm is wrong, when loading from ROLL mode.		M
13.	The record will play back by Navigation buttons after ending record		M
14.	The wave will be offset when adjusting the delay calibration and rest the horizontal offset after STOP		M
15.	The navigation buttons adjust the current frame when the ending frame is selected		M
16.	The items of phase measure will refresh when sources are changed		M
17.	The deviation values are wrong sometimes		M
18.	The LA frequency counter will be the quarter of the original value when STOP		M
19.	The record interval time did not work well.		M
20.	The waveform is error while opening channel in 'Wait'status.		M
21.	Fixed the RS232 decode error while switching memory depth during delay mode.		M

22.	Fixed the crush issue of delay screen in vernier timebase while main screen in slow mode.	M
23.	Update LXI driver	M
24.	While the IIC trigger type is data, the trigger status is influenced by IIC address.	M
25.	Adjusting LA offset in STOP, the waveform of analog channel changed.	M
26.	Use the browser manual IP successfully changed, executed after initialization crashing	M
27.	System crash when track NONE.	M
28.	SCPI commands (WAVeform:SOURce) support logic channels	M
29.	Fixed the blurred screen problem	M

Version : 00.02.01.00.03		Date : 2013-11-29	
1.	Fixed the crash issue when the length of decode overflow in binary format	M	
2	Optimize the operation speed of MSO model	E	
3.	Fixed the crash issue when switching time base mode during zoom mode	M	
5	Optimized software to increase the storage speed of PNG format	E	
4.	Fixed the crash issue when switching wave size of LA	M	

Version : 00.02.00.00.04		Date : 2013-07-30	
1.	Fixed measure jitter at some particular freq	M	
2.	Optimized the wave intensity in zoom mode	E	
3.	Decreased the default brightness of grid	E	
4.	Optimized socket communication(201302000018)	E	
5.	Fixed wave data error by continues SCPI command	M	
6.	Fixed cursor display error when switch track mode form auto mode(201303000024)	M	

7.	Fixed the problem of waveform freezing when decode function is activated.	M
8.	Solved the abnormal waveform problem of MSO4000 in vernier timebase.	M
9.	Fixed the MSO4000 crash issue when using default function in XY mode.	M
10.	Solved the abnormal waveform problem when vernier timebase greater than 100ms.	M
11.	Fixed the crash issue when using AUTO function.	M
12.	Fixed the crash issue when fetching image remotely	M

Version：00.01.00.00.06		Date：2013-01-08	
13.	Optimized the speed of PNG file storage	E
14.	Added SCPI command for channel dalay-cal(`:chan1:tcal?`)	E
15.	Added SCPI command for pattern trigger.(`:TRIGger:PATTern:SOURce?`)	E
16.	Fixed the data error of .csv file	M
17.	Increased the sampling rate in ROLL mode	E
18.	Optimized the algorithm of AUTO setip	M
19.	Merged the latest LXI module which support socket protocol	E
20.	Modified the priority of trigger channel after auto setup	M
21.	Added some SCPI commands including REF setup FlexRay trigger and cannel delay calibration	E
22.	Incorporated the MSO module to firmware at first time	E
23.	Optimized the compatibility for updated flash chip and writing/reading speed	E
24.	Optimized the trace display in normal trigger mode when change the horizontal or vertical setting	M
25.	Switched the position of channel in XY mode	M
26.	Fixed the trigger issue which is CANNOT trigger in CAN data trigger	M
27.	Fixed the SCPI issue which is the vertical scale cannot set rightly by	M

	SCPI command when probe ratio is not 1X	

End of Change Log History

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