Keysight InfiniiVision 6000A X Series Oscilloscopes

Oscilloscope Firmware Version 6.12

Release Date:	7 January 2016
Instrument software version:	Revision 6.12
File Name:	6000XSeries.06.12.2016010702.ksx

Enhancements

- Improved some German translations.

Bug fixes

- Fixed coordinate error during Zone Trigger demo.

- Fixed layout issue in Raster video dialog.

- Fixed Single not accumulating mask test results.

- Fixed color grade bin label order in Analysis Results save.

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Oscilloscope Firmware Version 6.11

Release Date:	5 November 2015
Instrument software version:	Revision 6.11
File Name:	6000XSeries.06.11.2015103000.ksx

Enhancements

- Support has been added for the N7020A probe to operate on all four channels when the oscilloscope's hardware supports this. Contact your Keysight representative for service options if after installing this version of firmware your scope reports that a desired channel is not supported.

- Localization of more Help subjects and GUI text has been added.

Bug fixes

- Histogram display now works more reliably across segments when using the 'Analyze All Segments ' capability

- A Device Clear sent over the USB interface will now work more reliably.

- Available selections for the bandwidth limit filters have been corrected.

Oscilloscope Firmware Version 6.10

Release Date:	22 July 2015
Instrument software version:	Revision 6.10
File Name:	6000XSeries.06.10.2015061700.ksx

New Features

This software revision includes the following new capabilities:

- DSOX6SENSOR - SENT serial triggering and decode option support has been added.

- DSOX6AUTO – Has been expanded to support CAN-FD signal trigger and decode capabilities, including ISO support.

- CAN-FD eye testing support has been added to DSOX6AUTO option.

- LIN Symbolic decoding support has been added to DSOX6AUTO option.

- DSOX6POWER option now includes Class D harmonics measurements, including mA/W.

- Control Loop measurements for gain and phase have been added to the DSOX6POWER option.

- DSOX6POWER option also supports Keysight's N7020A Power rail probe.

- Bitrate measurement has been added.

- Single shot capability has been added to the Waveform Generator.

- Adjustable phase has been added to dual WaveGen tracking and frequency tracking modes.

- N2804A/N2805A 100MHz/300MHz differential probe support has been added.

- N7020A Power rail probe support has been added.

- Gated FFT capability has been added.

- New math operator has been added - Envelope.

- New training signals have been added: Sine with Harmonics Distortion; Square wave with Sinusoidal Noise Coupling; SENT; CAN-FD; Keysight Arbitrary waveform.

Enhancements

- Product SW has been branded as Keysight.

- User configurable sidebar capability has been added.

- Annotations have been expanded to 10 annotations.

- Waveform label lengths have been increased to 32 characters.

- DSOX6POWER – Several new capabilities have been added.

- Real Time Eye usability improvements – allow scope control while running, added auto-setup function.

- Real Time Eye acquisition can now be stopped via remote front panel operations.

- Math now allows other 2 source math functions as a source for a subsequent 2 source math function.

- For InfiniiMax 1130 family of probes, support has been added for 2.2:1 differential SMA probe heads

Bug Fixes

- DSO6XPOWER – Several issues have been addressed.

- The Averaging math operator now handles the output of several other operators better (square root, low pass filter, high pass filter).

- In DSOX6AUTO, LIN2.x mode checksums are now calculated correctly.

- Histograms counts will now increment after a SINGLE acquisition.

- Long folder names on thumb drives are now supported.

- :HISTogram:WINDow:SOURce?– Now supports a CGRADE selection.

Oscilloscope Firmware Version 6.00

Release Date:	September 2014
Requirements category (e.g., instrument software version):	Revision 6.00
File Name:	6000XSeries.06.00.2014091001.agx

Initial Release

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