Keysight P924x InfiniiVision USB Oscilloscopes

Version 7.30.2019051434

Released Date:	29 May 2019
Instrument software version:	Revision 7.30.2019051434
File Name:	infiniivision.P924x_x64.7.30.2019051434.ksx

Minimum Requirements

- Operating system:

  o Windows 7 (64-bit) or Windows 10 (64-bit). See the Startup Guide for additional system requirements.

- Keysight IO Libraries Suite:

  o 2018 Update 0.2 (or later)

New Features

This software revision includes the following new capabilities:

- Added support for the following new models:

  o *P9240AUTB, P9240GENB, P9240AERB, P9240AERB, P9240BDLB*

Enhancements

This software revision includes the following new enhancements:

- Added Digitizer Mode where you specify the sample rate and memory depth instead of having them automatically be determined by the time/division setting.

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- Frequency Response Analysis (FRA):

    o The sweep frequency range is no longer limited to decade values – it can now be set to any frequency within the WaveGen's limits.

    o The "points per decade" setting has been changed to "total points" for ease of use.

    o Chart:

        ▪ Minor gridlines for the horizontal axis are now shown to improve readability of the plot.

        ▪ The chart's horizontal display range is now independent of the Start/Stop Frequency setting in the Setup Menu.

- The full waveform data can now be exported while in Roll Mode.

- The `:WAV` subsystem now includes commands to download all segmented memory data in one shot.

- Measurement Trend Math can now be applied on Digital channels.

- The ":MEASure:YATX" and ":MEASure:TEDGe" measurements, previously a SCPI-only operation, are now accessible from the Measurement Menu.

- Added Slew Rate measurement.

- The Delay and count-based measurement can now be applied on Digital channels.

Bug Fixes

This software revision includes the following Bug fixes:

- Corrected the NRZ serial decode from having an extra bit than the frame size when the Start-Bit is 0.

- Corrected ":MEASure:DELay:DEFine" for not accepting a definition that includes the "FALLing" edge parameter.

- Corrected the Reference Waveform data (.h5) from incorrectly saving data with twice the delay where is a delay on the displayed waveform.

- Corrected ":MEAS:SHOW?" always returning "1" regardless of the actual state.

- Fixed various LIN LDF file-parsing bugs.

- Fixed various issues related to the N7026A probe.

Changes

- As of version 7.30, the VNC server software for the remote front panel functionality is no longer bundled with the scope software by default. Upgrading to 7.30 will not delete the VNC server software from the scope, but new scopes will no longer ship with the VNC server software installed. For scopes without the software installed, the Browser Web Control page will provide a link for installing the software.

- As of version 7.30, the IVI-COM and LABView drivers that are bundled in the InfiniiVision package will appear as independent items in the list of installed Windows program. Previously, these drivers were hidden from the list.

  o Some users with existing InfiniiVision installed (7.21 and prior) might have to first uninstall InfiniiVision and re-install the new 7.30 package to get the new behavior.

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Initial Release, Version 7.21

Released Date:	06 April 2018
Instrument software version:	Revision 7.21.20180406
File Name:	infiniivision.P924x_x64.7.21.2018040622.exe