# Keysight P924x InfiniiVision USB Oscilloscopes

## Version 7.60.2023080427

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|---|---|
| Release Date: | 15 September 2023 |
| Instrument software version: | Revision 7.60.2023080427 |
| File Name: | infiniivision.P924x.x64.7.60.2023080427.exe |

## Bug Fixes

This software revision includes the following Bug fixes:

- Corrected SCPI query return result for :CHANnel<n>:BANDwidth?

## KEYSIGHT

# Version 7.57.2023033130

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|---|---|
| Release Date: | 17 April 2023 |
| Instrument software version: | Revision 7.57.2023033130 |
| File Name: | infiniivision.P924x.x64.7.57.2023033130.exe |

## Bug Fixes

This software revision includes the following Bug fixes:

- For analog channels, a $50\,\Omega$ impedance setting is no longer persisted when the scope power is cycled.

- Fixed FFT Analysis power measurements failing to start when installed using SCPI commands. Applies to:

    o   :MEASure:FFT:ACPR

    o   :MEASure:FFT:CPOWer

    o   :MEASure:FFT:OBW

    o   :MEASure:FFT:THD


## Software Updates

- Updated Keysight License Manager and Keysight License Service to version 5.5.1.

# Version 7.56.2022120228

| | |
|---|---|
| Release Date: | 15 December 2022 |
| Instrument software version: | Revision 7.56.2022120228 |
| File Name: | infiniivision.P924x.x64.7.56.2022120228.exe |

## Bug Fixes

This software revision includes the following Bug fixes:

- Corrected measurement results that indicate "No Signal" after executing a Single or Stopping an acquisition.

# Version 7.55.2022071841

| | |
|---|---|
| Release Date: | 29 July 2022 |
| Instrument software version: | Revision 7.55.2022071841 |
| File Name: | infiniivision.P924x_x64.7.55.2022071841.exe |

## Bug Fixes

This software revision includes the following Bug fixes:

- Fixed phase measurement to measure from correct percentage point.
- Increased allowable maximum size of CAN .dbc symbolic files.

Keysight P924x InfiniiVision USB Oscilloscopes Release Notes

# Version 7.50.2021110212

| Released Date: | 12 November 2021 |
|---|---|
| Instrument software version: | Revision 7.50.2021110212 |
| File Name: | infiniivision.P924x_x64.7.50.2021110212.exe |

## Bug Fixes

This software revision includes the following Bug fixes:

- Corrected issue where WaveGen inversion disappears at 50% duty cycle.

- Corrected issue where remote command :WMEM1:SAVE MATH1 does not behave the same as the front panel operation.

# Version 7.40.2021031200

| Released Date: | 26 March 2021 |
|---|---|
| Instrument software version: | Revision 7.40.2021031200 |
| File Name: | infiniivision.P924x_x64.7.40.2021031200.exe |

## New Features

This software revision includes the following new capabilities:

- Added support for the following new perpetual software licenses:

    o *P9240GENC, P9240AERC, P9240AUTC, P9240NFCC, P9240BDLC*

## Bug Fixes

This software revision includes the following Bug fixes:

- Corrected wrong number of points returned for the first acquisition after changing acquisition settings.

- Corrected remote segments (WAV:SEGM:ALL ON) in ASCII format sends the wrong amount of data

# Version 7.35.2020120822

| Released Date: | 15 December 2020 |
|---|---|
| Instrument software version: | Revision 7.35.2020120822 |
| File Name: | infiniivision.P924x_x64.7.35.2020120822.exe |

## 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)

## Enhancements

This software revision includes the following new enhancements:

- Chart serial signal for CAN, LIN, and SENT protocols.

- Measurement limit test available with any bundled software license that includes mask testing.

- Channel external scaling.

- In Averaging acquisition mode, "Single" makes the number of acquisitions to average, then stops.

- Web interface VNC authentication.

- Band-pass filter math function.

- SCPI command additions and changes.

- Initial condition option on integrate math function.

- Delay measurements thresholds settings.

## Bug Fixes

This software revision includes the following Bug fixes:

- Corrected CAN load counter freezes on SBUS2

- Restored Lister Data save option to the web interface.

- Corrected license files corrupted by email servers.

# Version 7.31.2020012834

| Released Date: | 26 February 2020 |
|---|---|
| Instrument software version: | Revision 7.31.2020012834 |
| File Name: | infiniivision.P924x_x64.7.31.2020012834.exe |

## 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)

## Enhancements

This software revision includes the following new enhancement:

- Added the oscilloscope's Host ID to the About Oscilloscope dialog. The Host ID is used to redeem licenses.

## Bug Fixes

This software revision includes the following Bug fixes:

- Corrected the D3000BDLA ultimate bundle license to include the NFC trigger option.

- Changed the My Support Subscriptions table to show N/A for the Support Expiration and Status of legacy perpetual licenses, versus Expired.

- Changed the Installed Options section of the instrument web page to show N/A for the Support Expiration and Status of a legacy perpetual license, versus Expired.

- Networked printing via CUPS print server works correctly.

## Version 7.30.2019051434

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

## 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.

- Frequency Response Analysis (FRA):

  o The sweep frequency range is no longer limited to decade values.

  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.

## 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 |

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