

Version: [2.16.9.4595]
Last Revised: [18-Apr-2025]
Products: TekScope PC Software

Version: 2.16.9.4595 (18-Apr-2025)

New Features:

- TekScope features
 - Secure TekHSI feature with an App ID (RD-HSI)
- Protocol Decode
 - USB 3.1/3.2 Gen 2 protocol decode
 - USB 3.1 Gen 2 protocol decode as a part of USB speed option
 - USB 3.2 Gen 2 protocol decode as a part of USB speed option
 - Results table
 - USB 3.1 Gen 2 Search options
 - Packet View On - Ordered Set, Control Character, Packet, Errors
 - Packet View Off - Sync Header, Ordered Set, Control Character, Compliance Pattern, Custom Pattern
 - USB 3.2 Gen 2 Search options
 - Packet View On - Ordered Set, Control Character, Packet, Errors
 - Packet View Off - Sync Header, Ordered Set, Control Character, Compliance Pattern, Custom Pattern

Defects Fixed:

- Fixed Recall session file, does not recall the vertical units properly (Ampere).
- Fixed MEASUREMENT:MEAS<x>:FAILCount? Always returns 0
- Fixed On saving Peak Markers Result Table Scope is crashing
- Fixed Acq method single hanging sometimes on TekScope
- Fixed BROWSE SAVE AS LOCATION context menu gets hung when we click any file, edit, utility and help menu on TekScope
- Fixed Unable to save the Remote Screen Capture with a file name that contains special characters

Known Issues:

- Recall session file, Bandwidth is not recall properly

Version: 2.14.3.4219 (20-Dec-2024)

New Features:

- TekScope features
 - Enabled Undo/Redo on TekScope

Defects Fixed:

- Fixed Socket Server not working locally in TekScope
- Fixed TekScope crashing when SV span is set to 500kHz
- Remote Screen capture fixes for jpg format
- Fix for TekScope refuses to close if PowerUpSession folder doesn't exist
- Fix for unable to connect MSO2012B and MSO2024B with Remote control ON in the TekScope

Known Issues:

- Recall session file, does not recall the vertical units properly.

Version: [2.10.5.3431]
Last Revised: [15-Jul-2024]
Products: TekScope PC Software

Version: 2.10.5.3431 (15-Jul-2024)

New Features:

- High Speed Interface (HSI)

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- Import live waveform data from the MSO 4B/5B/6B Series Oscilloscopes
- For faster analog or digital waveform data transfer rate
- On MSOs, enable the HSI server in the Utility > I/O > HSI panel
- Time Domain Reflectometry (TDR)
 - Added TDR Measurement (in Standard Time Measurements category)
 - Supports Single ended and Differential TDR and
 - Display of Rho and Z waveforms
- Protocol Decode (w/ reference waveforms or remote channels)
 - USB: USB 3.1 Gen 1 and USB 3.2 Gen 1 Protocol Decode and Bus/Search Results table
 - PCIe: PCIe Gen1 (2.5 Gbps) and Gen2 (5 Gbps) Protocol Decode and Bus/Search Results table
 - CAN XL: Protocol Decode and Bus/Search Results table
- French physical keyboard support
 - To use a French language physical keyboard (or any keyboard layout), select French in Language drop-down in the Utility > User Preferences > Other menu
 - Typing will output the French language characters in all the alpha-numeric input box fields in the UI, such as; Channel, Math, and Measurement label input box fields
 - German and Italian language keyboards are also supported

Defects Fixed:

- License has only these app ids (BASEAPP,RD-REMOTE-SINGLE-SCOPE,RD-REMOTE-MID-SCOPE) allowing connection to MSO 2 Series
- TEKSCOPE HELP menu (F1), Mask Panel (Eye Diagram Plot Configuration) fields and controls table images are not visible
 - Vertical scale display incorrectly in the channel badge
 - Some Math Coefficient filter files are installed at:
"C:\Users\Public\Tektronix\TekScope\Applications\RF\NFC"
 - Sometimes TekScope fails to start because of cvptester issues

Known Issues:

- Problem with time trend waveform and CSV waveform being out of sync
- Analog channel vertical data is not updating in remote scope when remote control is On
- Offset value is not updating in remote scope on Acquire with remote control ON
- Not able to connect Tekscope through Tekvisa when Free Tier License is installed
- Measurement navigation buttons should be disabled in continuous acquire mode
- When TekScope is acquiring, running SCPI commands on a new TekVisa session errors out

Version: [2.8.1.2771]

Last Revised: [03-Mar-2024]

Products: TekScope PC Software

Version: 2.8.1.2771 (03-Mar-2024)

New Features:

- Import live 16-bit digital waveform data from 2-Series MSO, 3-Series MDO, MDO3K, MSO70K
- Language translations for the text shown in message boxes with an updated severity/title
- TekScope is qualified on Win-11 OS (v2.8 or above can be installed on either Win-10 or Win-11 OS)

Defects Fixed:

- EULA in TS installer screen do not show up properly
- Pressing Cancel/Finish button in the installer at the EULA page, trying to launch existing TekScope says missing binary
 - Install the license from a mapped Windows n/w drive
- On Recalling Session File with Remote Control On, Channel badges are not shown in TS
 - Enable FastFrame from TekScope to Remote Scope on Acquire
 - In report the PC host id showing in scope serial number
 - Recent Files menu show the program bin path for Demo files
 - Stuck with busy Indicator when the scope trying to add is not reachable
 - On recalling session file , the fast frame badge is not appearing on Tekscope

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- User manual should include MDO3K scope in supported oscilloscope table
- Mask file name in Mask badge is elided (shown in Results Bar)

Known Issues:

- Cursor moves when using file Utilities
- Pop up warning when enabling act on trigger on run mode is ambiguous
 - :SEARCH:SEARCH1:TOTAL? returns wrongly for NFC bus protocol
- PCIe demo file does not recall the bus settings correctly
- USB 3.0 and CAN XL does not support remote channels

Version: [2.4.4.2374]

Last Revised: [18-Sep-2023]

Products: TekScope PC Software

Version: 2.4.4.2374 (18-Sep-2023)

New Features:

- Maintenance Licenses
 - Avoid app installation if the maintenance period is expired
 - Renewing the license in time will continue installation procedure
 - Existing features enabled with the license will continue working after license renewal
 - New features will be enabled after successful license renewal
- Free Tier License
 - Free version of TekScope PC that allows the user to perform basic waveform inspection
 - Features the user CAN access include:
 - Cursors, Zoom
 - Basic Spectrum View frequency domain waveform viewing (but not RF vs. Time traces)
 - Recalling reference waveforms
 - Recalling sessions (but...anything analytical in the session file beyond cursors won't be activated)
 - Connecting to a Single Remote Scope and Import live waveforms
- Fast Frames - Live Control
 - Import live fast frame waveforms from the remotely connected scope
 - Enabled only for Single Remote Scope
 - Scope Save/Recall: Setup saved on scope and recalled on TekScope shows the frames as you see it on scope
 - TekScope Save/Recall: Setup saved on TekScope with Fast frames and recalled on TekScope and do a connect to view the live frames importing from the remotely connected scope
- Recent Files
 - Access it in File -> Recent Files
 - Lists the most recently saved/recalled file types like .wfm, .set or .tss
- MSO3K Support (BETA)
 - Connects and acquires the live waveforms

Defects Fixed:

- Recall session with Remote Control ON will push the settings to the scope on pressing Connect in Scope panel
- Remove Autoset page in User preferences
- Connect to a Remote Scope, double click on S1_Ch1 handle, context panel shows S1_Ch1 as off
- Label text overlapping with Remote source handle if offset is set to 0V
- Text clipping in the Menu Items on language change
- Summary section for Waveform Histogram feature in demo panel is incorrect
- Acquisition badge shown if no Remote Scope App Id installed
- Flick to restore the Badges is failing in offline scope
- RFvT Readout Row is missing when SV is On and TD trace is off on last analog source
- Not able to recall session or set file through PI command
- Font issues after language change in Scope/Add-Scope/IO panels

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Known Issues:

- On Recalling Session File , Channel badges are not shown in TS
- Search Type "Window" option is missing in offline scope

Version: [2.0.3.1855]

Last Revised: [03-May-2023]

Products: TekScope PC Software

Version: 2.0.3.1855 (03-May-2023)

New Features:

- Waveform Histograms
 - Waveform Histogram and Measurements
 - Horizontal and vertical histograms
 - Draw multiple waveform histogram boxes and accumulate histogram distribution and measurement statistics on Ch/Math/Ref/Rf sources simultaneously
 - Touch friendly to resize and move the histogram boxes around on the waveform graticule
 - The following measurements are available for the histogram
 - Waveform Count, Hits in Box, Peak Hits
 - Maximum, Minimum, Peak-to-Peak, Mean, Median, Mode
 - Standard Deviation, One/two/three Sigma
 - View histogram measurement results in the badge/table format
 - Waveform histograms supported in history / fast frame mode
 - Export histograms to the .csv file
 - Save/Recall waveform tolerance limits as mask files
- TekDrive enhancements
 - Copy/Paste from/to TekDrive file/folder (like local drives)
 - Support for all Tek files (incl. screencapture/session/setup/waveform files)
 - Auto increment of files while saving screencaptures/setups/waveforms into TekDrive (like local drives)
 - Support for all Tek files (incl. screencapture/session/setup/waveform files)
 - Open In TekScope
 - Supports session/waveform files
- Execute VXI-11 server on app launch
 - This enables to automate TekScope using NI-VISA/LabView
- Show in app Blue Dot Notifier to signal new application version
 - Show weekly reminder if the application is not upgraded
- Math FFT increase the FFT span to 64GHz
- NFC – ISO/IEC 15693/14443A standard decode support

Defects Fixed:

- Fix issue with MSO73300DX scope waveform not visible on connect
- Fix continuous acquisitions sequencing issue; sometimes the busy indicator avoids state transitions
- Recall the digital source session file
- "=" cause an error in report file generation

Known Issues:

- TekScope can't be installed on multiple logins
- If TekDrive folder contains multiple files with same name, on copy/paste from TekDrive to Local
 - only last downloaded file will remain in the Local folder
 - work around is to use auto-increment saving the files to TekDrive
- Fast frames do not work with non-Starter/Pro/Ultimate Bundle licenses
- TekScope can't recall history session file correctly
- Unable to use averaging on the Math when using FFT and having cursor gating on

Version: [1.44.3.1225]

Last Revised: [25-Oct-2022]

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Products: TekScope PC Software

Version: 1.44.3.1225 (25-Oct-2022)

New Features:

- Base features
 - Enhanced waveview mask hits feature with consecutive waveform hits.
When the Consecutive Failures setting is greater than 1, then the scope tracks consecutive waveform mask hits and reports pass/fail.
 - Multi Source Cursor Readouts are shown in waveview or on Cursor badge.
Configure Cursor Type as Waveform and Cursor Source as "All".
This will display signal voltage and delta cursor values of all active sources
 - Display Vertical Offset in the waveview channel handles. Configure Channel Offset from the Channel Vertical settings page. This will display the offset (if any) directly in the waveview without opening the Channel context panel
 - Spectrogram is a visual representation of signal strength over time at various frequencies.
 - It is a two dimensional graph with third dimension indicating signal strength
 - Cursor A/B support helps to compare spectrums in up to three different locations on a single source in a single view
 - Zoom support enables Spectrogram to be drawn for given zoom window in waveview
 - Color Scale helps to set the colors for Minimum and maximum dB units
- New RF Measurements
 - Channel Power measures the total RF power within the bandwidth defined by the channel width
 - ACPR measures the signal power leaking from the main channel into adjacent channels upto 5 channels
 - OBW measures the occupied bandwidth
- TekDrive File Storage enhancements
 - Add/Remove Licenses, SOA mask S/R, Export Log Files and Eye Diagram Plot Panel
- Single/Multi-Scope support
 - MSO2000
- Utilities
 - Export Log Files added for TekScope
 - Added support for Bookmark Callouts for Remote RF input sources in SpectrumView

Defects Fixed:

- Fix acquire not working on a remote scope when connected with DPO70000
- Fix random crash issues seen with single/multi scopes using VISA connection
- Fixed waveform clipping issue reported on Math FFT and fixed waveform rendering issue reported on TDS2000

Known Issues:

- None

Version: [1.40.3.970]

Last Revised: [26-Apr-2022]

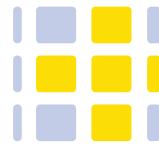
Products: TekScope PC Software

Version: 1.40.3.970 (26-Apr-2022)

New Features:

- Acquisition Method
 - Acquisition badge/panel allows to configure Single/Continuous/Sequence acquisition methods
 - Continuous/Sequence settings will accumulate measurement results
 - In Continous/Sequence method, any change in TekScope or Remote Scope settings resets the measurement results
 - Likewise, the acquisition counter

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- PI Support
 - Automates multi-scopes to connect and acquire waveform data
 - Publish Programmer manual
- License Expiry Notifiers
 - About menu shows brief up on selection of each of the license
 - Red/Gray-dot notifiers indicate if the license options are about to expire or expired
 - Red/Gray-dot notifiers go off after viewing it atleast once in About menu
- Single/Multi-Scope support
 - MSO 2 Series
 - MDO 3K support
- Installer improvements
 - Bundle MS-VC redistributables along with the app installer
 - Remove unwanted PMU/CVP tester files
 - On app launch if there is a mismatch in Host ID then the app will auto backup the license repository

Defects Fixed:

- App start up crash issue (because of locale settings vs driver)
- Connect MDO3000 via USB or LAN with Starter/Pro License bundles
- Connect MDO 3 Series via USB or LAN with Starter/Pro License bundles
- Save/Recall app session which includes the .isf waveform file format

Known Issues:

- On TBS1KC/2KB, app does not import data when the scope's acquire mode is in peak detect or HiRes.
- Sync MSO58B with trigger out of MSO54 has issues

Version: [1.38.1.628]

Last Revised: [23-Dec-2021]

Products: TekScope PC Software

Version: 1.38.1.628 (23-Dec-2021)

New Features:

- Data Logging
 - Can be configured from Utility -> Act On Event
 - Users can log Measurements Results Statistics to the CSV files
 - Additionally save Screen Captures and Waveforms
- Live 8-bit Digital data import from 4/5/6-Series MSOs
- Improve Setup/Session/Waveform Recall
 - Double tapping on the Tek files directly from the desktop
 - On the Windows task bar, drag and drop the Tek file objects to the TekScope application
- Retrieve IP Address or Host Names easily using a combobox in Add Scope context panel
- Added Firewall screen for Tektronix Myrtile wrapper installer
- Source chip format is changed in Measurement badge in RRB
 - For example: S1_Ch1->1-1, S1_Ch1_D0->1-1D0, S1_svtdm1->1-1M, S1_svtdp1->1-1P and S1_svtdf1->1-1f
- Single Remote Connection to below Scope models to pull data in real-time
 - Added Support for the new 5B-Series MSO
 - TDS2kC
 - MSO5000, DPO5000 and DPO7000

Defects Fixed:

- Long Press stops working after mouse right click on badges

Known Issues:

- Sometimes with Remote Control On, the waveform imported from TBS2000 scopes show spikes
- Changing the Vertical scale to 0.5 V and Record length to 2M show wrong waveform but pressing

Single/Seq on the Scope is fixing this issue.

- 3-Series MDO is not supported for Starter Bundle License (USB or LAN Connections)
- MDO3000 is not supported

- TekScope software needs to support DPO/MSO2000 scopes in the Remote Bench Scope Analysis

Version: [1.34.8.303]
Last Revised: [21-Jun-2021]
Products: TekScope PC Software

Version: 1.34.8.303 (21-Jun-2021)

New Features:

- Access Live Full Control of the remote scope
 - Enhanced tabbed UI for displaying the remote scopes (removes the dependency on browser)
 - Supports for both Linux and Windows based scopes
- Remote connection to MDO 3 Series Support
- Spectrum View I/Q data import
- Update the Horizontal Badge width in remote control mode
- Installer updates
 - Update Firewall settings through TekScope installer
 - Note highlighting the current Win-10 Update version
 - Myrtile wrapper installer package downloadable for Windows scopes

Defects Fixed:

- The bandwidth limit for remote 70K scope should be more than 8 Ghz
- Deskew maximum limit should increase in tekscope
- Recalling Spectrum View Span correctly (based on what is saved in setup)
- Recalling Fast Frame with multi frames allows to navigate
- FRA plot doesn't show up in TekScope PC

Known Issues:

- Act On Event does not work as expected (currently disabled)

Version: [1.32.2.828]
Last Revised: [05-Feb-2021]
Products: TekScope PC Software

Version: 1.32.2.828 (05-Feb-2021)

New Features:

- TekDrive file storage
 - Mount/unmount the TekDrives
 - QR Code authentication to connect to TekDrives
 - Save/Recall Waveform, Setup, Report, Session, Mask to/from TekDrives
 - Save Screen Capture, and Table Data to TekDrives
- File Utilities
 - Copy/Paste of Files/Folders
- Refresh Waveforms is added as a short-cut to the right-click menu of the Scope badge

Defects Fixed:

- TekScope imports/syncs with Basic Scope Channel Vertical Position
- Fast Frame badge shows up on session/setup recall
- Advanced Clock Recovery Nominal Data Rate Bit Rate Max limit is updated with double.max()
- Trigger Edge Level Min/Max limit is updated with +/- 10 kV

Known Issues:

- Sometimes the sampling mode IT indicator is shown in the Horizontal badge

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- Sometimes TekDrives cannot be unmounted when the wireless LAN connection is restored (work around is to restart TekScope and then unmount)

Version: [1.30.3.731]
Last Revised: [04-Nov-2020]
Products: TekScope PC Software

Version: 1.30.3.731 (04-Nov-2020)

New Features:

- Multi-Scope Analysis [phase 2]:
 - Support 4 scopes / 32 channels
 - Brand new user interface
 - Remote connection to MSO/DPO 70000 (C/SX/DX) Support [in addition to 4/5/6 Series MSO]
 - USB Interface for Remote Connection [in addition to Ethernet]
 - Data Transfer Time Improvements – up to 16x!
 - View/Configure remote scopes using e*Scope or MS-Remote Desktop Connection for Linux or

Windows based oscilloscopes respectively

- New License Option - Remote Analysis for Bench Oscilloscopes:
 - Single Remote Connection to Bench Oscilloscopes (TBS1000,TBS2000) to pull data in real-time
 - Essential Protocol Decoders: I2C, SPI, UART, CAN, CANFD, LIN, SENT and I3C Decoding
- Remote Connection Interface – USB and Ethernet
- New Perpetual Licenses:
 - Removal of 3-yr license options
 - Addition of perpetual license options (indefinite use of the software, maintenance for first 12 months)
- Boxcar 12 Integration:
 - Exclusions: Frequency Response Analysis, Mask Testing.

Defects Fixed:

- Improve the trigger time skew between two remote scope slaves
- Refined the I/O UI to configure Remote Control
- Measurement/Search previous/next navigation associated with remote channels is supported
- Waveform recall of .csv file type generated from TDS/TBS/TPS 1000/2000 is supported

Known Issues:

- Measurement Results table do not reset the accumulated statistics
- Waveforms are not rendered when the horizontal delay is set On and the delay time is over 1 sec
- No feedback shown in the UI if some trigger/horizontal settings fail to set
- Translations for different language settings do not work fully
- Sometimes the remote channel badge does not appear but after adding a new source it recovers