

Agilent Technologies WireScope™ Pro Release Notes

Welcome to WireScope™ Pro!

Important Note for WireScope™ Pro Customers

Please refer to the WireScope™ Pro User's Guide and Software Upgrading Guide for detailed installation instructions. The notes below describe important information about issues in this release.

As all test results stored in the WireScope Pro will be deleted, please backup all test results before performing any software upgrade.

WireScope™ Pro Release Notes for Version 2.5.13.

IMPORTANT: all users of version 2.4.3 please perform the following upgrade instructions:

1. Backup all test results.
2. Without formatting the internal memory of the WireScope Pro, upgrade the software to 2.5.13.
3. Format the internal memory of the WireScope Pro.
4. Re-install software version 2.5.13.
5. Perform a User Calibration between WireScope Pro and DualRemote Pro to upgrade the DualRemote Pro.

New Features and Enhancements

1. Testing across Power Over Ethernet and AC Coupled Cabling *)
2. USB Connection between WireScope Pro and PC **)
3. File Size of the ScopeData Pro II Database Format (SDF) is reduced
4. Bi-Directional Fiber Testing Support
5. Saving External Noise measurement results
6. Testing of Cables with less than four wire pairs
7. Calibration Status for Alien Crosstalk & External Noise Measurement
8. Class E_A icons are added
9. Alien Crosstalk limits are updated to TIA568B-AD10 Draft 7
10. Previous software versions are automatically uninstalled during the installation of ScopeData Pro
11. Cables & Connectors Database Updates
 - Hubbell Premise Wiring
 - Leviton
 - Siemon
 - Systemax

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*) With the new AC coupled testing, a new synchronization method is employed. This reduces the number of relay switching actions required. Users will only hear two groups of clicks during the duration of the Autotest.

**) To use a USB cable connection between WireScope Pro and PC, the Slave Mode on the WireScope Pro must be enabled. This can be configured in the *System Settings* Menu. When the USB Slave mode on the WireScope Pro is subsequently disabled, the user will be prompted to reboot the WireScope Pro. To establish the connection, use the special USB cable included with the WireScope Pro.

A USB connection between WireScope Pro and a PC running Microsoft Windows Vista is not supported in this release.

Defects Resolved

1. WireScope Pro times out slow on fiber links with high loss or no signal
2. Missing texts between touch screen calibrations points
3. Cablings length greater than 110 m is shown as 0 m
4. Alien Crosstalk calibration data gets lost after internal flash memory is formatted
5. DualRemote Pro application software is corrupted the communication between WireScope Pro and DualRemote Pro breaks down during the software upgrade
6. Rare occurrence of internal flash data loss during optimization of internal flash
7. When a Fiber SmartProbe is inserted after removing a copper Channel or Permanent Link SmartProbe, lasers of both wavelengths are momentarily turned on simultaneously
8. Incorrect 10G network test limits
9. Pressing the Clear button in the soft keyboard when saving a TIA606A hierarchy site results causes the unit to hang.
10. ScopeData Pro II exports only 12 ELFEXT measurements instead of all 24 combinations
11. DC loop resistance results having discrepancy between unit and ScopeData Pro II
12. Re-certifying the existing test results in ScopeData Pro II with Class F limits show failing length test even if length is within limits
13. After a software upgrade, the Alien Crosstalk test license is grayed out and the license needs to be re-enabled
14. Test result window occasionally appears without details when Auto Continuous mode is selected and when internal flash memory storage is full
15. Unable to detect blank USB Flash Drive in ScopeData Pro II



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Known Issues in this release and workaround

- 1) While removing a MM or SM Fiber SmartProbe and inserting a copper SmartProbe, on rare occasion the unit may freeze.
Power cycle the unit if this happens.
- 2) USB Flash Drive may not be detected if attached prior to system boot up.
Re-attach the USB Flash Drive after the WireScope Pro has booted up completely.
- 3) DualRemote Pro's LED for Hub/NIC Detected and Voltage Warning indicators are not functional. However, the protection function is in place.
No workaround required.
- 4) Attenuation curve of long cables will show abnormal results at frequencies higher than 600 MHz.
No workaround required.
- 5) USB Flash Drive cannot be formatted using the WireScope™ Pro.
Format USB Flash Drive using PC.
- 6) When the protection circuit is triggered by an overvoltage condition, the overvoltage warning will not pop up. However, the protection function is in place.
No workaround required.
- 7) USB connection between WireScope Pro and a PC running Windows Vista is not supported.
Will be supported in a future software release.
- 8) Autotest results for cables with less than 4 wire pairs are provided for information only in this software release.
No workaround required.

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