



TREND NETWORKS



LanTEK IV Series

Software Release Notes

Version 4.1.5
27 February 2024

- Updated NVP for Siemon cables.
- Fixed split pair reporting on AnyWARE Cloud.

Version 4.1.0
26 January 2024

- Added support for over-the-air (OTA) software updates. Future software updates can be downloaded directly from the internet to the main handset and installed without the need of a computer.
- Added support for fiber optic video inspection probe (R163-VIP).
- Added Tools menu to home screen with quick access to Video Inspection Probe, TeamViewer and tone generator.
- Added prompt to perform Set Reference when DC resistance unbalance measurements meet certain conditions.
- Added OM5 to list of fiber types.
- Cable database updates to Berk-Tek, CobiCabling, EasyLan, Legrand, PremioNet, R&M, Siemon, TRIMERX, Vertical Cable.
- Added “+PoE” version to existing test limits that makes DC resistance unbalance a pass/fail test to ensure cable supports high power PoE applications.
- Added extended reach test limits for: Paige Datacomm, Superior Essex and Prysmian.
- Added 25G and 40G IEEE Ethernet limits.
- Added more 2-pair limits.
- Fixed bug that randomly caused test details to not be saved.
- Fixed bug where Impedance margin +/- sign was reversed.
- Fixed bug where edited metadata (job descriptors) was not being uploaded.
- Miscellaneous language translation fixes.

Version 3.0.13
24 August 2022

- Added new subtest navigation feature that allows changing between measurements within a test, and cycling between tests while on a measurement page.
- Added support for coax cable test adapters. Initial release supports 75-ohm cable and sweeps to 2 GHz. A future release will add support for 50-ohm cable and increase sweep to 3 GHz for applicable cables.
- Note: Coax tests are assumed to be permanent link with a 2 meter (6.5 ft) patch cable between the adapter and the cable under test. The length result subtracts a total of 4 meters (13 ft) to account for the patch cords. One RG-6 Type-F patch cord is included with each coax adapter.



- Updated WiFi driver to resolve connectivity issue with iPhone11.
- Fixed - WiFi AP name unreadable when it contains unicode characters.
- Added option to display job identifiers in the test list by pressing the **•••** button.
- Added distance to fault on live wiremap. Tap and hold the wiremap diagram to initiate a length test.
- Updated filters icon on test list so that it is yellow when active to increase visibility.
- Added check if system date is older than the software build date prompt the user to check the date/time.
- Added function to open a newly created job so tests can be added without the extra step of opening the new job.
- Added step to force confirmation before re-running an already executed test to prevent accidental overwrite of a test.
- Added feature to display date confirmation on boot.
- Improvement to graph display allowing fine control of cursor. Tap a spot on the plot to display the values at that point, then drag finger to move across the plot.
- Added indicator on top of the screen to show pull-down menu.
- Fixed - Italian text shown below the test count for each job requires wrapping.
- Fixed - keyboard for password fields not to default to CAPs for first letter.
- Moved TDNEXT below NEXT and TDRL below RL on test list.
- Flipped default axis of TD plots so that events spike upwards.
- Improve the visibility of the Shift key on the keyboard.
- Fixed - FiberTEK IV power meter and attenuation results flip between wavelengths for Single mode adapters.
- Improved USB export to put test files into job folders.
- Fixed - fiber application wavelength labels not changing between MM/SM when changing fibre types.
- Fixed limit value shown on graph is at 2 decimal places, while on data table is rounded to 1 decimal place.
- Fixed - mix of Portuguese/French and English in some User Guide instructions.
- Fixed - Chinese translation - When the user does a factory reset on the unit, the text before the version is not displayed.
- Fixed - move of a test from one job to another via the result summary screen causes retest issues.
- Fixed edit of test ID via summary result screen, new test ID not shown and not able to go back to previous performed test.
- Fixed - Polish text for END on test results screen does not display correctly.

- Fixed - some User Guide text on Polish tester appearing in English.
- Fixed - Battery charge status does not change after inserting or removing DC supply.
- Fixed - Create new job - Once the user is on the 'Create Job' screen, if they click save without hiding the keyboard, keyboard freezes in the screen until the job is created.
- Fixed - User Guides - By pressing the Home/Return hardware buttons, user guide doesn't disappear, but the background UI reacts to those buttons
- Fixed - Length Margin & Freq MHz (Measured Length), both give wrong details, when cable length is > Limit.
- Fixed - Fibre modules calibration details missing.
- Fixed - Diagnostic TDRL & TDNEXT. Pairs shown should be based on the connected adaptor.
- Fixed - Job list not refreshing when creating a new job & then editing any test within that job
- Fixed- Filtered test view against marginal pass/fail tests would also show standard pass/fail results.

Version 3.0.7

6 April 2022

- Fixed issue where the second part of a bi-directional fiber test can be started before the LanTEK handsets are linked causing erroneous data, and failure to sync to AnyWARE Cloud
- Improved the way the main handset mounts & unmounts USB drives during software updates. This should eliminate issues where the drive may be corrupted if removed while a read/write is in progress. The drive will then not be recognized by the remote handset, not allowing it to be updated.
This fix should also eliminate instances where Windows prompts to "Fix" the drive when inserted into a computer after being removed from a LanTEK.
- Fixed issue where main handset MAC address may change, causing Wi-Fi connection problems when the LanTEK is allowed to join a network (white listed) by MAC address.

Version 3.0.4 (New major release supercedes all previous versions)

1 March 2022

- Updated user interface with faster performance.
- Improved sync performance to AnyWARE Cloud. Reduced upload time and reduced
- Copper and fiber tests can be run on Home screen when using the Standard UI mode.
- New virtual keyboard with numeric row always visible without requiring Shift key.
- Added new cables to manufacturer database