

Cable Tester Installation Application

Please uninstall previous application versions before proceeding with upgrade installation.

[Download Setup \(below\)](#)

1. Select "Cable Tester Reporting App"
2. Select "Cable Tester 2.51"
3. Select "Setup", select "Run", select "Install"
4. Once the Cable Tester program is installed, it will be available in the Windows Start Menu under programs. Look for "Cable Tester".
5. Power on your Cable Tester and plug it into your computer using the included USB cable.
6. Open the Cable Tester program by double clicking on the application shortcut.
7. Click on Read Tester to load the test results from the Cable Tester to your PC.
8. To save test results from your PC to your Cable Tester, click on "File", Open, and then select the desired file. Once the file is opened, click on "Write Tester".

Cable Tester Firmware Update

DO NOT ATTEMPT TO LOAD AN UNEXTRACTED ZIPPED FIRMWARE ARCHIVE DIRECTLY TO THE VDV COMMANDER INSTRUMENT

1. Before downloading the Firmware update, you must check which Firmware file is compatible with your Cable Tester. There are three versions that are defined by the letter "L", "C" or "E". (Version L x.xx, Version C x.xx, Version E x.xx).
2. To identify which version to download; power on the Cable Tester, select the settings soft key and the Firmware version will be displayed at the top of the screen. If the Firmware version contains "L", download the Firmware file containing the "L". If the Firmware file contains "C", download the file containing "C". If the Firmware file contains "E", download the file containing "E".
3. Download the current firmware update. This file downloads as a zip file and will appear as *****.zip**. Extract and save the individual files from the zip file.

Note that it is critical to extract the files from the zipped archive before attempting to load the new firmware to the Commander instrument. Attempting to load the zip file to the instrument will result in an error. Once the firmware file has been extracted from the zip file it will have an extension of ***.cyacd**.

4. Power on your Cable Tester and plug it into your computer using the included USB cable.
5. Open the Cable Tester application by double clicking on the application shortcut.
6. Click on "Load File", navigate to and click on the Firmware file you downloaded then click on Open.

If an attempt is made to load the zip file to the instrument an error will occur and the instrument display will remain dark. To restore the instrument the Upgrade Error process detailed below must be followed. On the next attempt care must be taken to load the firmware file with the ***.cyacd** extension.

7. Click on "Begin Download"

Add “setup” file from “Reporting Applications 2.51”

From <http://www.updatetesters.com/> here

Add Cable Tester Version E (select latest revision) from

<http://www.updatetesters.com/> here

Add Cable Tester Version L (select latest revision) from

<http://www.updatetesters.com/> here

Add Cable Tester Version C (select latest revision) from

<http://www.updatetesters.com/> here

If an error occurs during the download process, follow the steps below:

1. Close the Cable Tester application.
2. Reset the Cable Tester by removing a battery and reinserting it. *Note: the VDV Commander screen may remain dark, which means it is in Firmware update mode.*
3. Restart the application. It will display “Cable Tester Attached” at the bottom left of the screen.
4. Follow the Cable Tester Firmware Update instructions above.

REVISION NOTES:

Cable Tester Release Notes for Version C 1.352

- Improved split pair detection for CAT7

Cable Tester Release Notes for Version E 1.361

8/09/16

Changes from Version E 1.360 to Version E 1.361

The Calibration soft key, on the Setup screen, now requires a 3-foot to 10-foot RJ45 cable be attached. If successful, "Calibrated" is displayed at the top of the screen, otherwise "3 -> 10 ft Cable" is displayed.

Changes from Version E 1.358 to Version E 1.360

- Improved split pair detection and reporting to better handle cables with shielded pairs as well as overall cable shielding (e.g. Cat7).
- Corrected an error where Coax Remote #1 was misdiagnosed as a short.
- Added support for capital letters in file names. Press the green checkmark button to make the next letter entered a capital.
- Corrected a problem where Link Blink was not always starting automatically.
- Corrected an error that caused the unit to be non-responsive under certain conditions while checking for a 1000Base-T link.
- Corrected a display issue where a looping cable test in single-ended mode didn't change from orange to green when a test remote was attached.
- Corrected partial clear of cable lengths when halting cable loop mode.

Changes from Version E 1.354 to Version E 1.358

- Improved Link Test to detect and retain network capability more consistently. Added activity indicators to highlight each step of the testing (10/100 connection, 1000 detection, PoE detect and measure).
- Corrected a bug that caused Link Test to run continuously under certain conditions.
- Once Link Test is complete (Test LED goes off), pressing F3 to enable/disable PoE restarts the Link Test.
- Changed the relay signal timing to 12ms. The signal to the relays was only 3ms and it is specified to be 10ms minimum.
- Cleared PoE voltages before testing to prevent old results from being stored with the current test.
- Defined a no-PoE condition in stored data (Mode B, zero volts) so invalid PoE results aren't displayed when viewing stored test data with the Cable Tester.
- Fixed a problem that could cause the File Save "keyboard" to be partially blanked when saving cable test results.

Cable Tester Release Notes for Version L1.352

- Improved split pair detection
- Improved length measurement accuracy for CAT7