



LANTEK IV-S
THE FUTURE OF CABLE
CERTIFICATION

QUICK REFERENCE GUIDE

 **TREND NETWORKS**

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LanTEK IV-S
Quick Reference Guide

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English

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INTRODUCTION

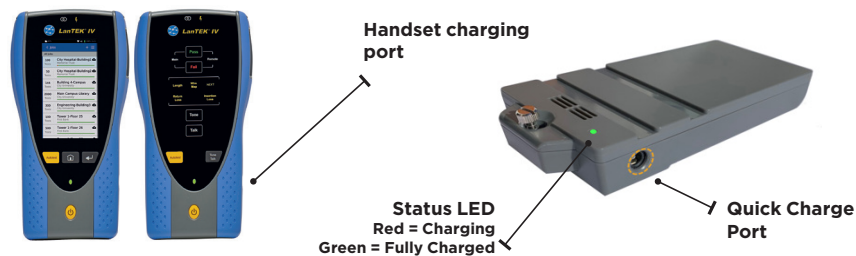
The LanTEK IV-S and TREND AnyWARE are a Cable Certification System. This guide will give you an overview of the key features of LanTEK IV-S and how to start using AnyWARE to manage your project and test results.

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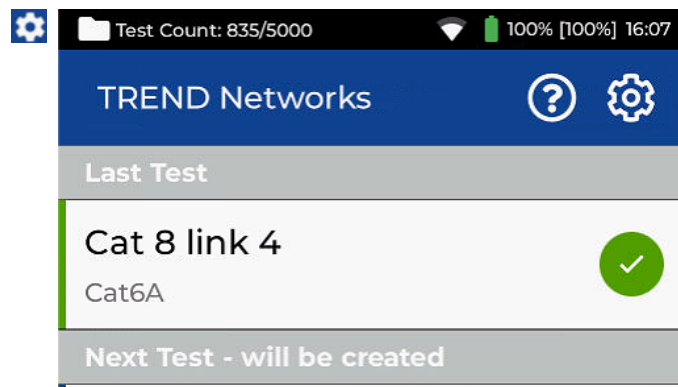
GETTING STARTED

Before you start using your LanTEK IV-S follow the steps below to ensure you can take advantage of all the features your LanTEK IV-S has to offer.

1. Fully charge the display and remote units using the power supply included in your case. This can be connected to the main charging port on the LanTEK IV-S or the quick charge port on the battery. The quick charge port reduces the charging time by 50%. To access the quick charge port the battery must first be removed by releasing the retaining screw.



2. Select the language by selecting the setup gear at the top left of the screen.



- Visit anyware.trend-networks.net to setup your free TREND AnyWARE account to Manage, Share, Edit and Pre-configure your projects. Select; sign up for cloud based software or download for the desktop version.

- Link your LanTEK IV-S to your TREND AnyWARE Account by logging into your TREND AnyWARE account.
 - Select Menu: Click Devices: Devices Add Device:
 - Enter your Device ID and select submit. The LanTEK IV-S device ID is found in the settings menu (below).

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HELP OPTIONS

LanTEK IV-S and AnyWARE cloud have a comprehensive on-board help which will guide you through how to use the features. This can be accessed as follows;

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Help on the LanTEK IV-S

?

Icon on the Menu Bar

⚙

Or click Settings - Usage Guides:

Usage Guides

Help on the AnyWARE Cloud

AnyWARE Cloud assistance can be accessed by the Walk Me Through tab located on the bottom right-hand side.

Walk Me Through

Return to home screen

Create new job

Multiple job select

Sort jobs by date

Sort jobs by name

Jobs

15 Tests Library

500 Tests Hospital Bldg 2

75 Tests Hospital Bldg 1

113 Tests Tower 1-Floor 19

89 Tests Tower 1-Floor 20

12 Tests Store 328

19 Tests Store 329

List of all jobs saved to your LanTEK IV-S

Long press job for short cut options

View tests

Clear sync status

Edit

Set as current

Delete

Total number of tests within each project

Jobs

☒

15 Tests Library

☒

500 Tests Hospital Bldg 2

☒

75 Tests Hospital Bldg 1

☐

113 Tests Tower 1-Floor 19

☒

89 Tests Tower 1-Floor 20

☒

12 Tests Store 328

☒

19 Tests Store 329

☐

Delete

KEY FUNCTIONS

LanTEK IV-S



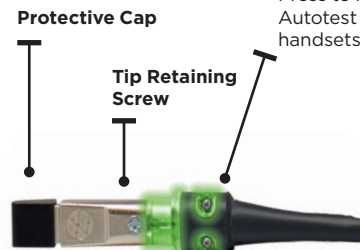
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VisiLINQ™ incorporates a multi-color LED indicator and action button to initiate tests and report the status independent of the tester handsets.



Field Replaceable Tip



Action button;
Press to activate white torch when not linked.
Press to initiate Autotest when handsets are linked

LED Indicator
Blue = Display and Remote connected
Green = Pass
Red = Fail
Amber = Marginal Pass/Fail
White = Torch mode

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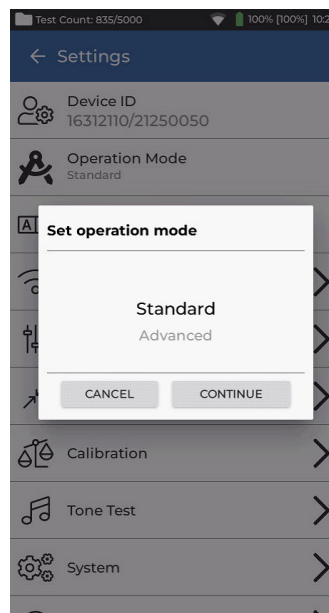
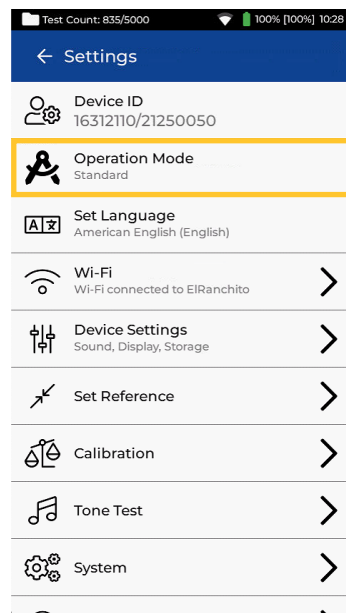
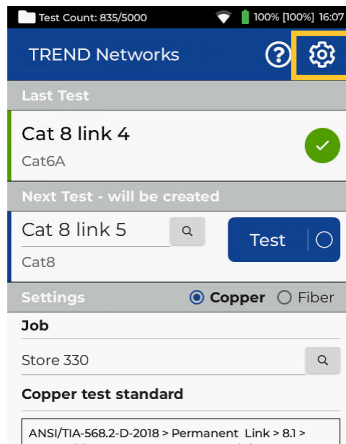
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HOME SCREEN

The LanTEK IV-S home screen has been designed to display the details of the current project in either Standard mode or Advanced mode. Press the Settings button to change the Operation mode between Standard or Advanced. Standard is the default mode.

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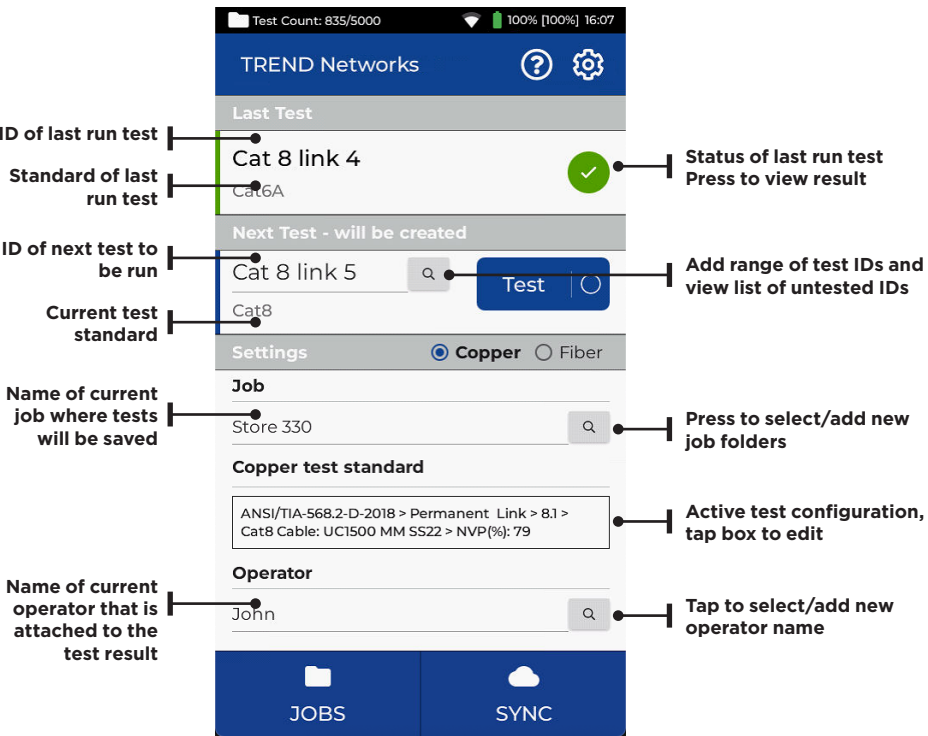
Setting the Operating Mode



HOME SCREEN (Standard)

The Standard mode displays all of the settings needed to perform a test on a single screen and is used when sequential test IDs are used, or each ID needs to be manually entered.

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HOME SCREEN (Advanced Mode)

The Advanced mode is used primarily when a pre-defined list of test ID's has been created in the LanTEK or downloaded from AnyWARE Cloud.

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Test Count is the number of tests saved/ total memory capacity

Test Count: 80/2500

Settings and Help

Active job name, total number of tests and progress bar
Red = Fail
Green = Pass
Grey = Untested

Last test completed

List of tests in the current job:
Green = Pass
Red = Fail
Amber = Marginal
Tap to view test results

Test list display options

Start test

Long press to access test options:

JOBS menu displays all jobs stored on the tester

SYNC to upload/download tests to AnyWARE Cloud or export to USB drive

Tap to view test results

Test options menu:

- Live Wiremap
- ☐ Insertion Loss
- ☒ NEXT
- ☐ ACRF
- ☐ Return Loss

Test options menu (Long press):

- View test results
- Edit test
- Print label
- Delete test results
- Set as next test
- Selected standard: ISO IEC > PL > EA > Class EA PL3

	End	Margin dB	Freq MHz	
WIREFMAP	-	-	-	✓
NEXT	📶	5.5	500	✓
RL	📶	12.0	11.6	✓
IL	📶	2.9	1.0	✓
PSNEXT	📶	6.5	499	✓

SETTINGS

The settings can be accessed from the settings menu on the home screen.

Choose language

Connect to a hotspot/Wi-Fi

Set reference for Cat 8.2, patch cord adapters and fiber jumper calibration

View calibration details/export calibration certificate to USB as PDF file

Start tone generator

Software version, serial number and MAC address

How to use your LanTEK IV-S

Device ID, required to register your LanTEK IV-S with AnyWARE cloud

< Settings

 Set Language
US English

 Wi-Fi >

 Set Reference >

 Calibration >

 Tone Test >

 Device Settings
Sound, Display, Storage >

 System Settings >

 About >

 Usage Guides >

 Device ID >

EN

< Device Settings

 Regional Settings
Datetime, Formats and Unit settings >

 Operator Details >

 Autotest Default Settings >

 Sound / Volume >

 Display Brightness
Screen brightness at 100% >

 Remote Control Settings >

 UI Settings >

Set the date/time and measurement units

Set operator name

Autotest Default Settings

Sound on and off

Screen brightness

Activate remote control (Team Viewer)

Show cursor when using USB mouse

< Autotest settings ✓

Test Range: Port-01

Default job identifier type
Not Required

Test prefix
Port

Starting range
01

End range
16

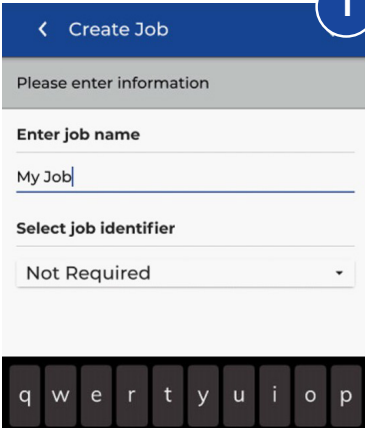
Test standard
Selected standard
ISO IEC > PL > EA > Class EA PL3

Autotest settings are your preferred set-up for a Job. LanTEK IV-S will use these settings as default for all new jobs to reduce set-up time

CREATING A JOB

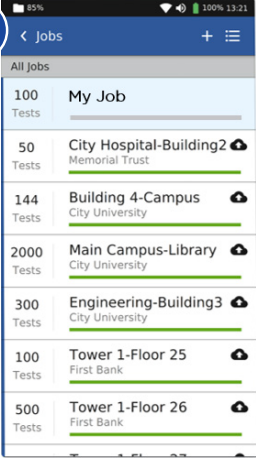
To create a job, select JOBS from the menu bar and then select: 

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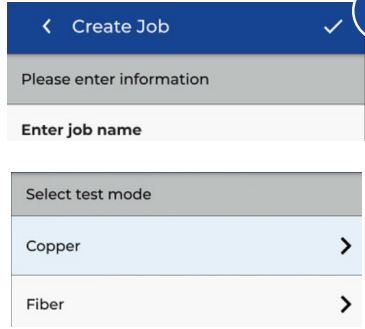
1

Enter job name and if required, select the job identifiers (optional). This will allow tests to be grouped specifically by building, floor, etc. Select ✓ when complete.



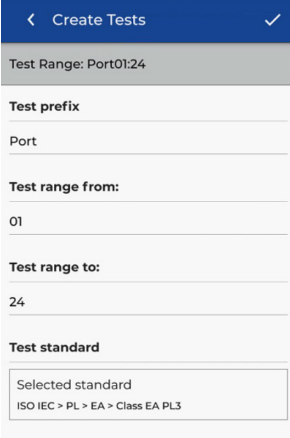
2

Select the newly created job from the jobs screen.



3

Select + to add tests to the job, then choose Copper or Fiber



4

In Create Tests, enter the prefix (optional) and the test range.

Test Ranges

Enter an alpha-numeric value in Test Range from: that is the first test ID of a sequence. Then enter the last value of the sequence in Test range to: generate the list of test ID's. A red warning will be shown if the from and to ranges cannot create a continuous series.

CREATING A JOB

Create Tests

Test Range: Port01:24

Test prefix

Port

Test range from:

01

Test range to:

24

Test standard

Selected standard

ISO IEC > PL > EA > Class EA PL3

5 Select standard

←

Cable Standard

✓

Select a group

TIA

ISO IEC

Cenelec

Custom

AS NZ 3080

China

Japan

Korea

6 Choose the appropriate standard

Cable Standard	
<	ISO IEC Standard
<	PL Link model
<	EA Grade
<	Class EA PL3 Cable type
Cable details	
Cable	
Cat6a-STP	
Connector brand (Near)	
Generic	
Connector brand (Far)	
Generic	

7 Choose type of link

Cable details

Cable

Cat6a-STP

Connector brand (Near)

Generic

Connector brand (Far)

Generic

NVP

☒ Cable shielded

0.75

8 Optional Step, During the set-up the Cable and Connector manufacture can be selected to add more detail to the finished report

← Pick a brand

Select Manufacturer

3M

BKS

Belden

BlackBox

Commscope

Connectix

DRAKA

Datwyler

Datwyler Uninet

Create Tests	
Test Range: Port01:24	
Test prefix	
Port	
Test range from:	
01	
Test range to:	
24	
Test standard	
Selected standard	
ISO IEC > PL > EA > Class EA PL3	

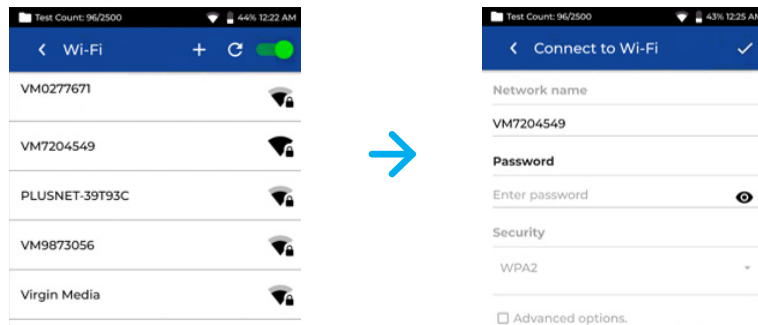
9 Select ✓ when completed

CONNECTING TO WI-FI

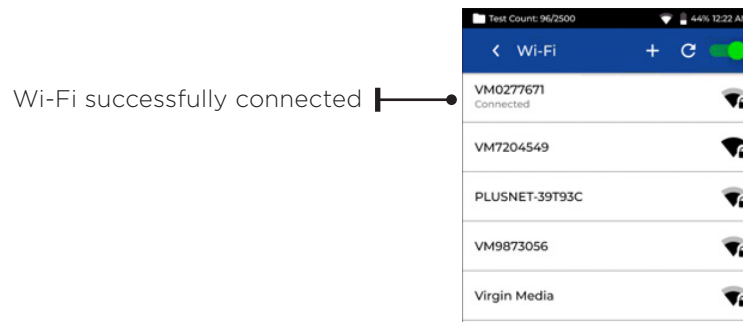
To connect LanTEK IV-S to Wi-Fi, firstly select the Settings menu 



Select Wi-Fi from the Settings menu and switch toggle to turn on Wi-Fi.



Select your chosen Network and enter password (if required).



SYNCHRONISING

Selecting SYNC will allow you to download pre-configured jobs or upload completed jobs to the cloud. If you are using the TREND AnyWARE desktop SYNC will also allow you to download results to USB. To SYNC your LanTEK IV-S:

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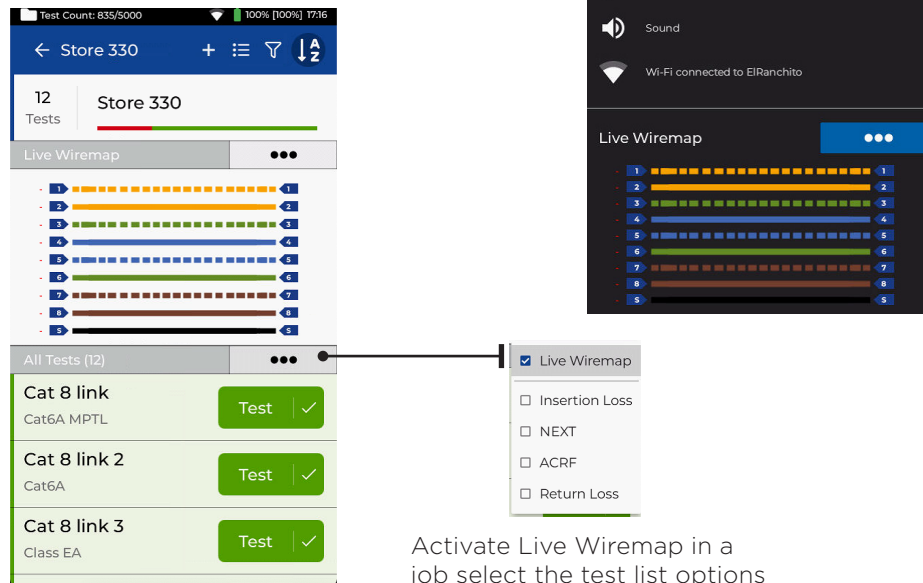
Test Count: 835/5000 100% [100%] 17:01	
← Sync	
Download	
All Jobs from AnyWARE cloud	> Download all new jobs from the cloud
Selected Jobs from AnyWARE cloud	> Display a list of jobs and select the job(s) to be downloaded from the cloud
All Jobs from USB	> Download all new jobs from a USB drive
Selected Jobs from USB	> Display a list of jobs and select the job(s) to be downloaded from a USB drive
Upload	
All Jobs to AnyWARE cloud	> Upload all jobs to the cloud
Selected Jobs to AnyWARE cloud	> Display a list of jobs and select the job(s) to be uploaded to the cloud
All Jobs to USB	> Upload all new jobs to a USB drive
Selected Jobs to USB	> Display a list of jobs and select the job(s) to be uploaded to a USB drive

LIVE WIREMAP

Live Wiremap allows an instant, constantly updating Wiremap view for connected links without the need to perform an Auto test. Live Wiremap can be used in two ways. In an active job or free mode which does not require a project to be set-up.

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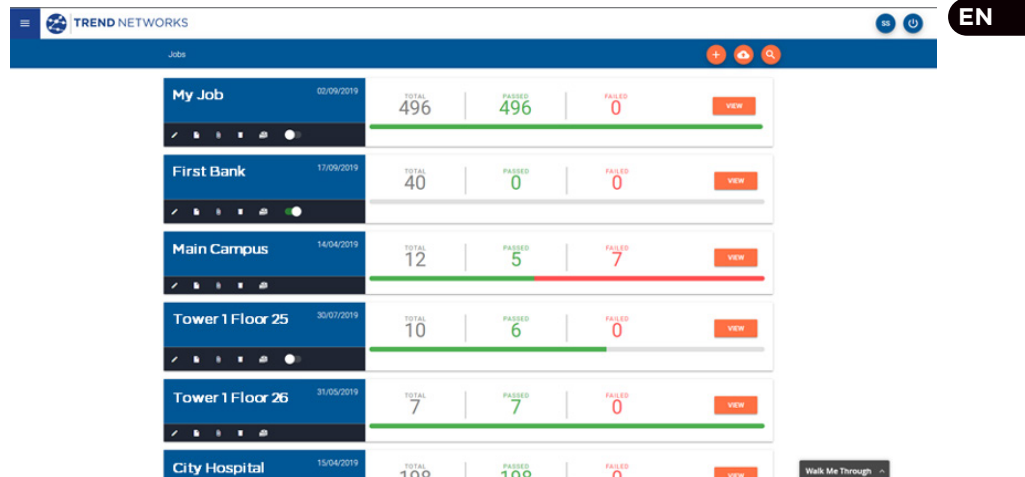
To activate Live Wiremap in free mode. Swipe down from the top of the screen.



Activate Live Wiremap in a job select the test list options menu.

CREATING A TEST REPORT

Jobs can be reviewed and edited using TREND AnyWARE Cloud or Desktop, Jobs synced via Wi-Fi will automatically be added to jobs menu of the cloud.



Key:

- Upload jobs from USB using the Cloud and Desktop Swipe down from the top of the screen
- View, download and email PDF reports
- Download report
- Generate a PDF test report
- Share the report via an email link where the recipient can view and save the report

Reports						
	Name	Type	Status	Customer Name	Total Tests	File Size
☐	My Job	Brief	Completed	Radio Controls LTD	25	8968KB
☐	Main Campus	Brief	Completed	Amazon	25	8971KB
☐	First Bank	Brief	Completed	Amazon	25	8971KB
	Created At					
						15/10/2019, 09:22
						15/10/2019, 09:21
						15/10/2019, 09:20