



IDEAL NETWORKS



# LanTEK IV

The Future of  
Cable Certification

**Quick Reference  
Guide**

Proof of Performance

# LanTEK IV

## Quick Reference Guide

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IDEAL INDUSTRIES Networks Ltd.  
Stokenchurch House  
Oxford Road  
Stokenchurch  
High Wycombe  
Buckinghamshire  
HP14 3SX  
United Kingdom

Contents

Introduction

Getting Started

Help Options

Job Menu

Key Functions

Home Screen

Settings

Creating a Job

Connecting to Wi-Fi

SYNC

Creating a test report

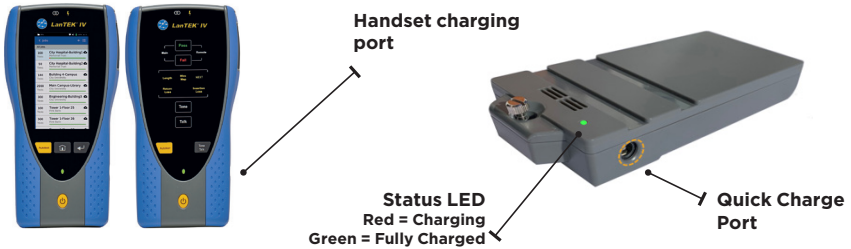
# INTRODUCTION

The LanTEK IV and IDEAL AnyWARE are a Cable Certification System. This guide will give you an overview of the key features of LanTEK IV and how to start using AnyWARE to managed your project and test result.

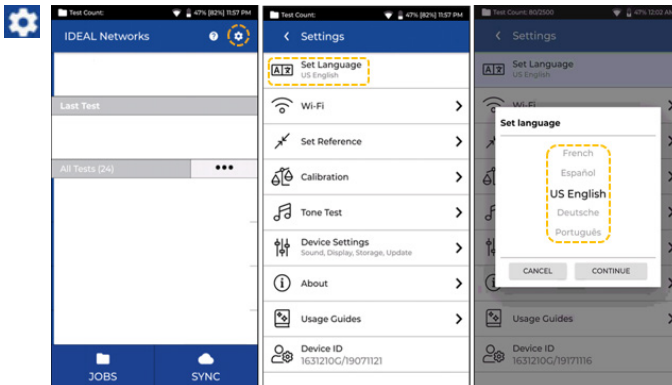
## GETTING STARTED

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

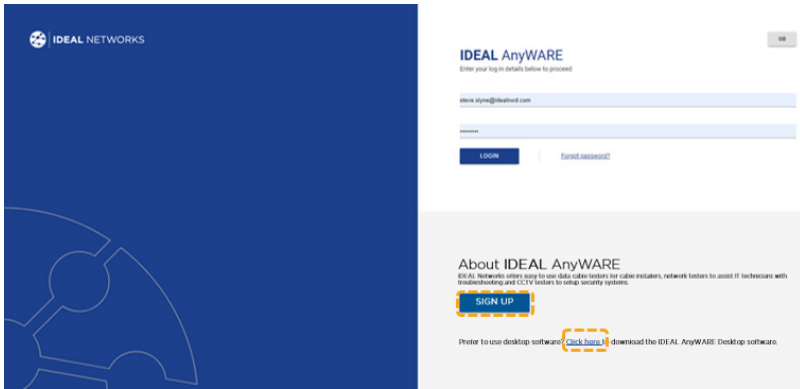
1. Fully charge the display and remote units using the power supply included in your case. This can be connected to the main charging port on the LanTEK IV or the quick charge port on the battery. The quick charge port reduces the charging time by 50%. To access the quick charge port the battery must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






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

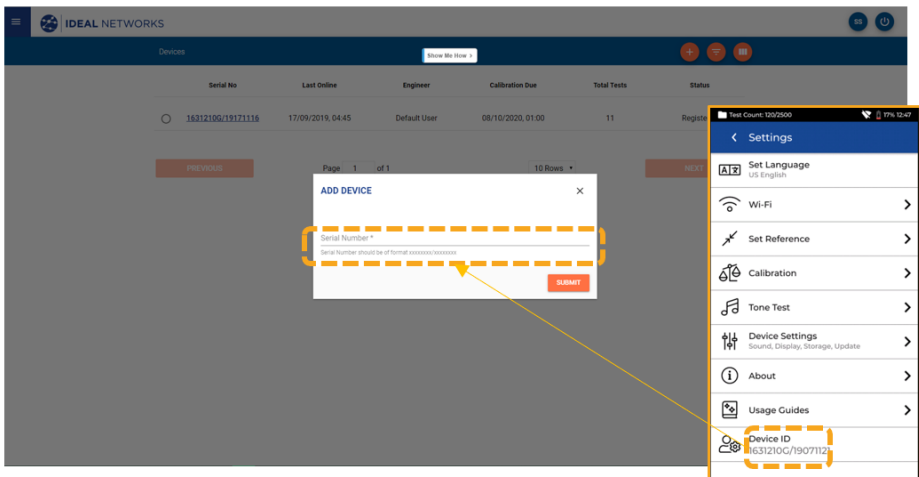


3. Visit [www.idealnetworks.net](http://www.idealnetworks.net) to setup your free IDEAL AnyWARE account to Manage, Share, Edit and Pre-configure your projects. Select; sign up for cloud based software or download for the desktop version.



4. Link your LanTEK IV to your IDEAL AnyWARE Account by logging into your IDEAL AnyWARE account.

- Select Menu:  Click Devices:  Devices Add Device: 
- Enter your Device ID and select submit. The LanTEK IV device ID is found in the settings menu (below).



# HELP OPTIONS

LanTEK IV 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;

## Help on the LanTEK IV



Icon on the Menu Bar



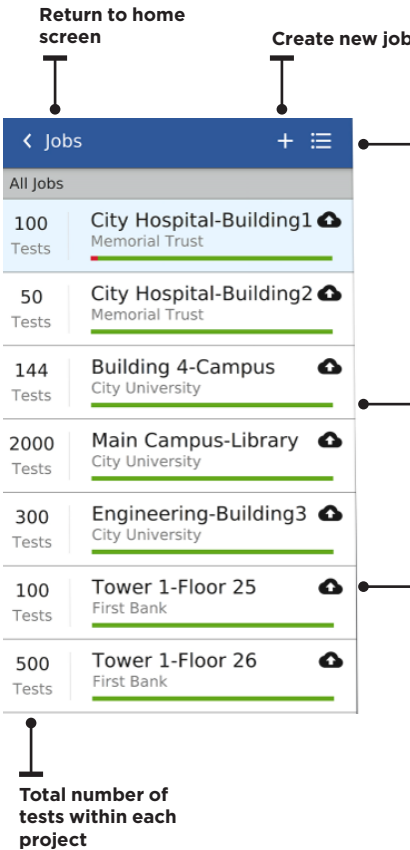
Or click Settings - Usage

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**

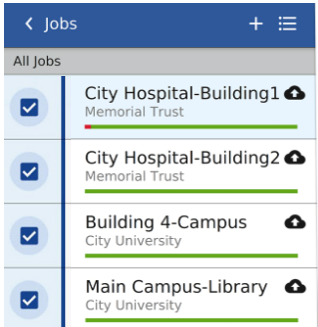
**List of all jobs saved to your LanTEK IV**

**Long press job for short cut options**

- View test results
- Edit test
- Print label
- Delete test results

**Total number of tests within each project**

Tests	Job Name	Organization
100	City Hospital-Building1	Memorial Trust
50	City Hospital-Building2	Memorial Trust
144	Building 4-Campus	City University
2000	Main Campus-Library	City University
300	Engineering-Building3	City University
100	Tower 1-Floor 25	First Bank
500	Tower 1-Floor 26	First Bank



Jobs	Job Name	Organization
<input checked="" type="checkbox"/>	City Hospital-Building1	Memorial Trust
<input checked="" type="checkbox"/>	City Hospital-Building2	Memorial Trust
<input checked="" type="checkbox"/>	Building 4-Campus	City University
<input checked="" type="checkbox"/>	Main Campus-Library	City University

# KEY FUNCTIONS

## LanTEK IV

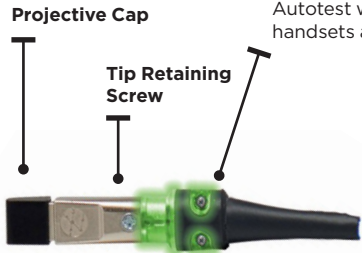


## VisiLINQ™

VisiLINQ™ incorporates a multi-colour 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

# HOME SCREEN

The LanTEK IV home screen has been designed to display the details of the current project.

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

**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**










**Legend:**  
 [Yellow icon] = Next test execute when VisiLINQ action/ Autotest button pressed

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










# SETTINGS


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

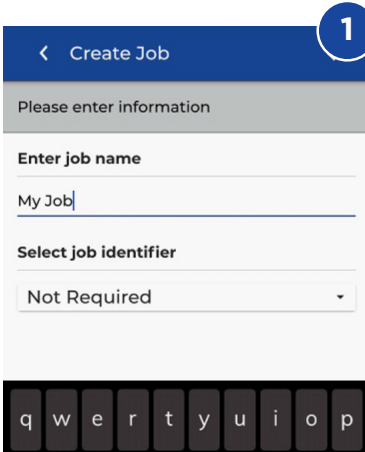
		< Settings
<p><b>Choose language</b></p>	●	 <b>Set Language</b> US English
<p><b>Connect to a hotspot/Wi-Fi</b></p>	●	 <b>Wi-Fi</b> >
<p><b>Set reference for Cat 8.2, patch cord adapters and fibre jumper calibration</b></p>	●	 <b>Set Reference</b> >
<p><b>View calibration details/export calibration certificate to USB as PDF file</b></p>	●	 <b>Calibration</b> >
<p><b>Start tone generator</b></p>	●	 <b>Tone Test</b> >
		 <b>Device Settings</b> Sound, Display, Storage >
<p><b>Software version, serial number and MAC address</b></p>	●	 <b>System Settings</b> >
<p><b>How to use your LanTEK IV</b></p>	●	 <b>About</b> >
<p><b>Device ID, Required to register your LanTEK IV with AnyWARE cloud</b></p>	●	 <b>Usage Guides</b> >

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

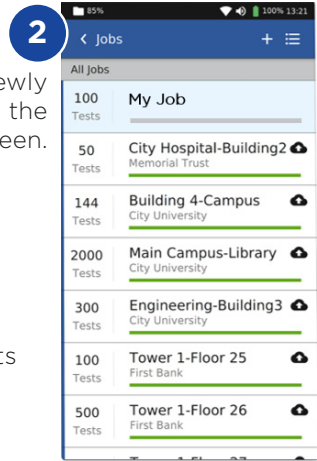
< Device Settings			< Autotest Settings ✓
 <b>Regional Settings</b> Datetime, Formats and Unit settings >	●	<p><b>Set the date/time and measurement units</b></p>	Select a group
 <b>Operator Details</b> >	●	<p><b>Set operator name</b></p>	TIA
 <b>Autotest Default Settings</b> >	●	<p><b>Autotest Default Settings</b></p>	ISO IEC
 <b>Sound / Volume</b> >	●	<p><b>Sound on and off</b></p>	Cenelec
 <b>Display Brightness</b> Screen brightness at 100%	●	<p><b>Screen brightness</b></p>	Custom
 <b>Remote Control Settings</b> >	●	<p><b>Activate remote control (Team Viewer)</b></p>	AS NZ 3080
 <b>UI Settings</b> >	●	<p><b>Show cursor when using USB mouse</b></p>	China
			Japan
			Korea

# ADDING JOBS/TESTS

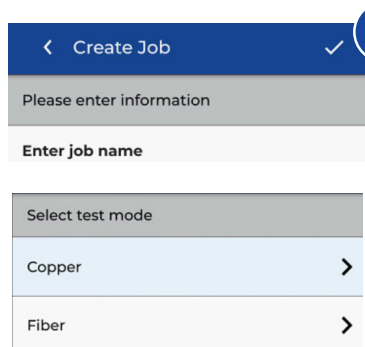
To create a job select JOBS from the menu bar and then select: 



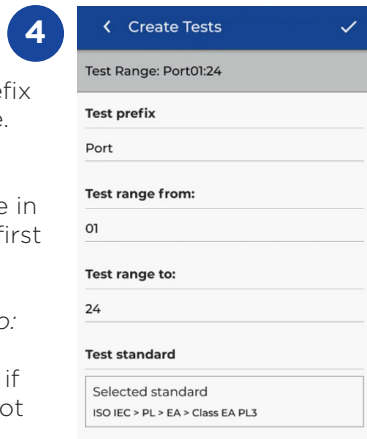
**1** Enter job name and if required, select the job identifiers (optional). This will allow tests to be grouped specifically by building, floor, etc. Select ✓ when complete.



**2** Select the newly created job from the jobs screen.



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



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.

# ADDING JOBS/TESTS

< 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 finishing 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

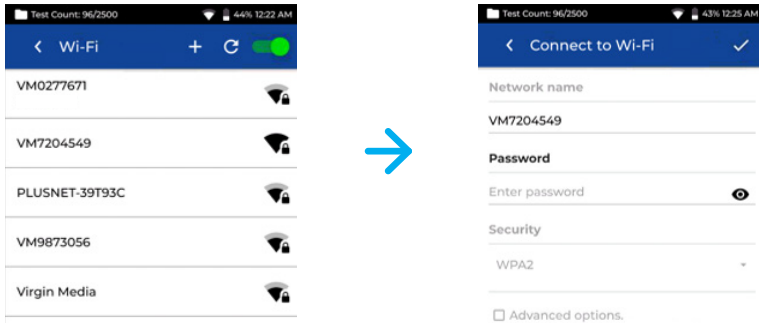
**9** Select ✓ when completed

## CONNECTING TO WI-FI

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

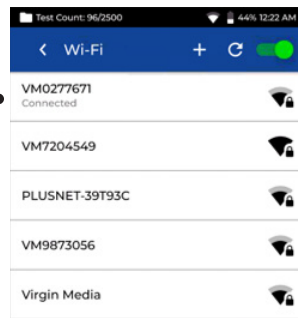


Select Wi-Fi from the Settings menu and switch toggle to turn on Wi-Fi.



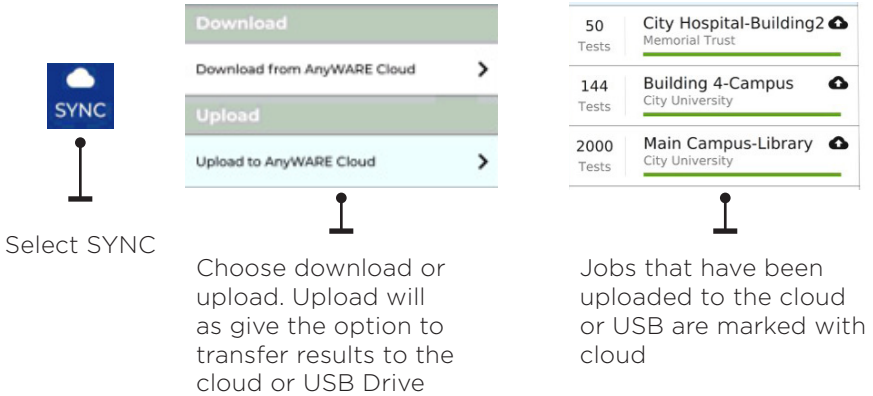
Select your chosen Network and enter password (if required).

Wi-Fi successfully connected 



# SYNCHRONISING

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



# 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.

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.

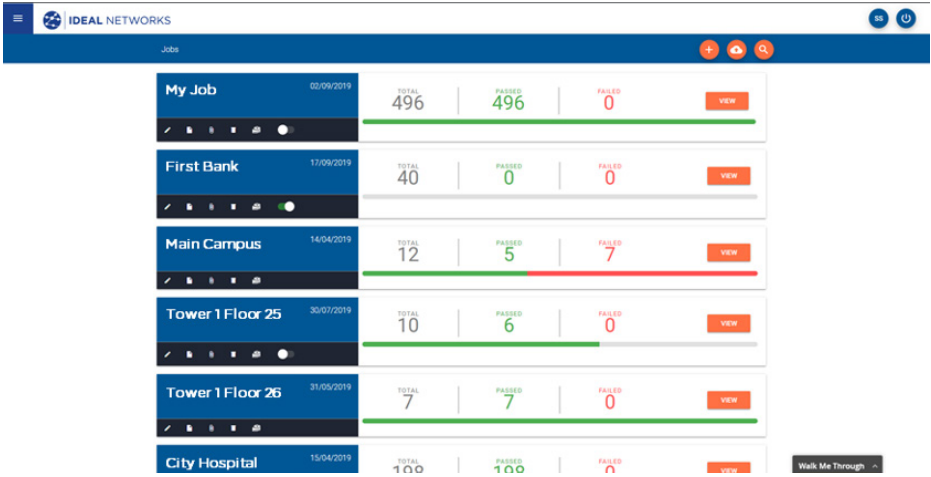
The screenshots show the Live Wiremap interface in two contexts:

- Free Mode:** A dark-themed screen with a top navigation bar (Music, Settings, Print) and a status section showing "Test Count: 96/2500", "Remote control enabled", "Sound volume 100%", and "Wi-Fi connected to VM0277671". The main area displays a "Live Wiremap" section with a grid of 8 ports (1-8) and their corresponding link status.
- Test Job Menu:** A menu titled "Live Wiremap" with options:
  - Insertion Loss
  - NEXT
  - ACRF
  - Return Loss

Below the menu, a "Live Wiremap" section shows a grid of 8 ports (1-8) with their corresponding link status. At the bottom, a "PortIO" section shows "Cat6A" and a "Test" button.

# CREATING A TEST REPORT

Jobs can be reviewed and edited using IDEAL 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

Name	Type	Status	Customer Name	Total Tests	File Size	Created At
Holly Road	Brief	Completed	Amazon	8	2906KB	30/09/2019, 12:24
German Check	Brief	Completed	Radio Controls LTD	14	5857KB	02/09/2019, 08:47
Lang Check	Brief	Completed	Amazon	3	3034KB	07/08/2019, 13:58



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IDEAL INDUSTRIES NETWORKS LIMITED  
Stokenchurch House, Oxford Road, Stokenchurch,  
High Wycombe, Buckinghamshire, HP14 3SX, UK.  
Tel. +44 (0)1925 428 380 | Fax. +44 (0)1925 428 381  
uksales@idealnwd.com

[www.idealnetworks.net](http://www.idealnetworks.net)



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