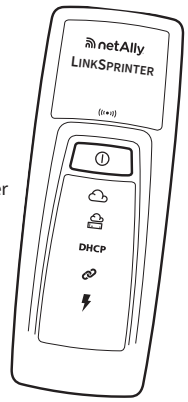
netAlly

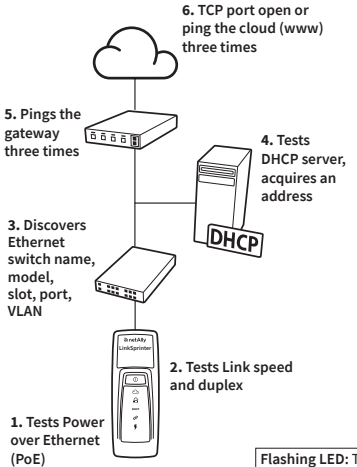
# LINKSPRINTER™ Network Tester

# User Guide

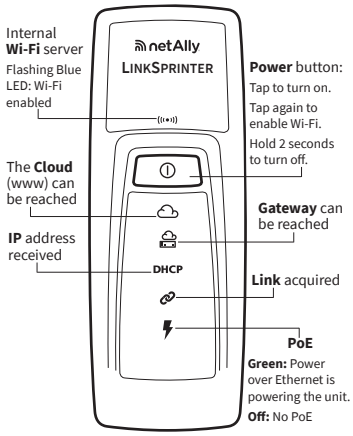
The LinkSprinter runs a connectivity test and sends the test results to the Link-Live Cloud Service.




## What is tested?




## LinkSprinter Symbols



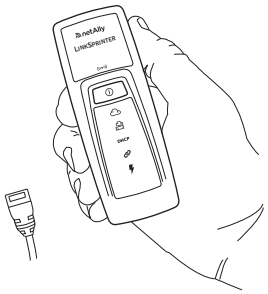

**Flashing LED:** The test is in progress.
**Green LED:** The test passed.
**Red LED:** The test failed. **Red PoE:** Low PoE voltage.
**Yellow Link LED:** Detected downshift from Max advertised speed.
**Yellow Gateway or Cloud:** 1 or 2 pings missed or TCP handshakes failed.

## Claiming Your LinkSprinter to Link-Live Cloud Service

### 1 Prepare to Claim

If Power over Ethernet (PoE) is not available to you, insert two AA batteries into the back of your LinkSprinter *(but do not power it on yet)*.

Ensure that you have an Ethernet cable connected to an active network with access to the Internet *(but not connected to the LinkSprinter yet)*.



Link-Live Cloud Service is a free, online system for viewing, organizing, and reporting your LinkSprinter test results. Once your LinkSprinter is claimed, your test results are automatically uploaded to Link-Live.

### 2 Sign Up and Sign In

Create your user account at: **Link-Live.com**

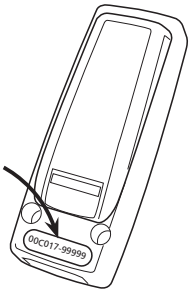
Follow the instructions to activate your account, then sign in.


### 3 Claim

The first time you sign in to Link-Live, a pop-up window appears prompting you to claim your device.

Follow the claiming instructions on the screen for LinkSprinter.

To claim, Link-Live needs the Unit number (last 6 digits of MAC) from the back of your device.

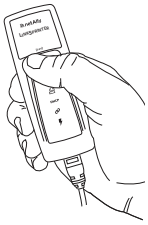



## Connecting LinkSprinter to Your Mobile Device

### 1 Turn on Link-Sprinter Wi-Fi

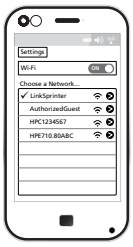
Tap the LinkSprinter power button, then tap again.

The blue Wi-Fi icon flashes when Wi-Fi is enabled and stays on when the LinkSprinter is connected to a mobile device.



### 2 View Networks

On your mobile device, navigate to the list of Wi-Fi networks.




### 3 Connect to LinkSprinter SSID

Select the LinkSprinter SSID, called "LinkSprinter" + last 6 digits of the MAC Address.

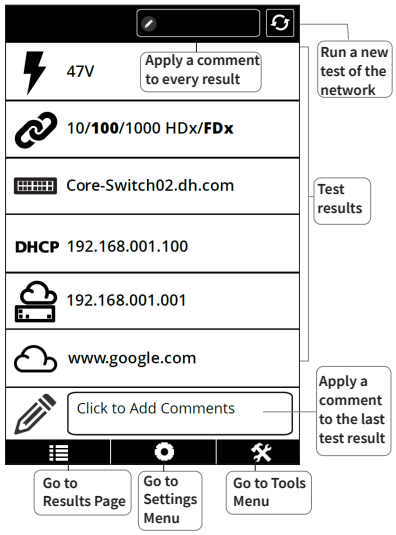
### 4 Open Mobile Interface

Open your mobile device browser, and input the IP address 172.16.9.9 or **ui.linksprinter.com**.

The mobile device is now linked to your LinkSprinter and ready to begin testing.

Detailed test results are also sent by email. Send a Reply to the Results email to add a comment or photo attachment to the result in the cloud.

Mobile Device Interface Main Page

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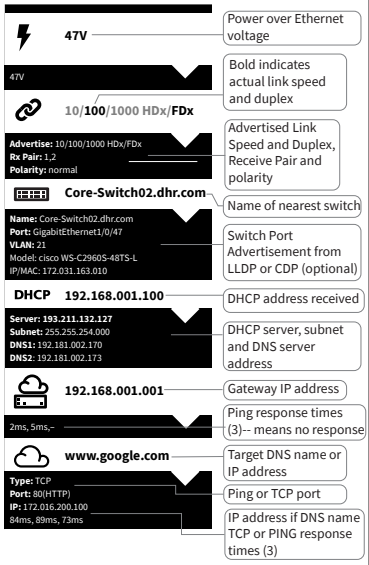
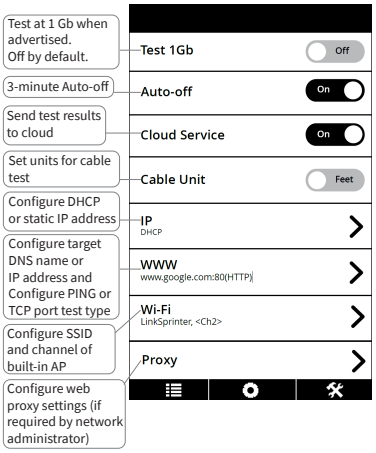
# Mobile Interface

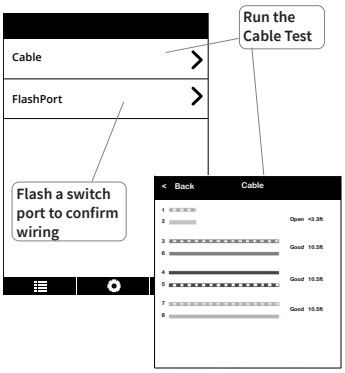
## Results Page




## Settings Menu




## Tools Menu




## Environmental and Regulatory Specifications

| Environmental | |
|---|---|
| Operating Temperature and Relative Humidity | 32°F to 122°F (0°C to 50°C ), Relative Humidity 5% to 90%, Non-condensing |
| Storage temperature | -4°F to 140°F (-20°C to 60°C) |
| Shock and vibration | Random 2g, 5Hz - 500 Hz (class 2), 1 m drop |
| Safety | IEC 61010-1, CAT none, Pollution degree 2 |
| Operating altitude | 13,123 ft (4,000 m) |
| Storage altitude | 39,370 ft (12,000 m) |
| EMC | IEC 61326-1, Portable |
| **Wireless** | |
| Specification Compliance | IEEE 802.11 b/g |
| Frequency Channels | 802.11 Channels 1 thru 11, default is 11 |
| Operating Frequency | 2.412~2.484 Ghz, ISM Band |
| Regulatory Domain | EN 301 489-1/17 |
| **General** | |
| Dimensions | 4.36"x 1.6" x 1.28" (11.07 cm x 4.06 cm x 3.25 cm) |
| Weight with batteries | 0.255 lb (0.116 kg) |
| Battery | 2 AA Alkaline, IEC LR6, or ANSI/NEDA 15A |
| Browser | Internet Explorer 9.0, Firefox 3.6, Chrome 5.0, Safari 5.1 (minimum revision). |

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Warning: AA batteries should not be left in the unit for extended periods of time. This can cause electrolyte leaking and damage the unit. Units damaged by battery leak are not covered under the NetAlly warranty.

### FCC Statement

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. The manufacturer is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The radio transmitter has been approved by Industry Canada to operate only with the antenna supplied. Use of any other antenna is strictly prohibited for use with this product.

L'émetteur radio a été approuvé par Industrie Canada pour fonctionner uniquement avec l'antenne fournie. L'utilisation de toute autre antenne est strictement interdit d'utiliser ce produit.

IC

The term "IC" before the radio certification number only signifies the device meets Industry's Canada technical specifications.

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