

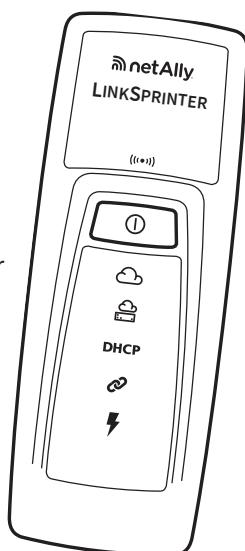


LINKSPRINTER™

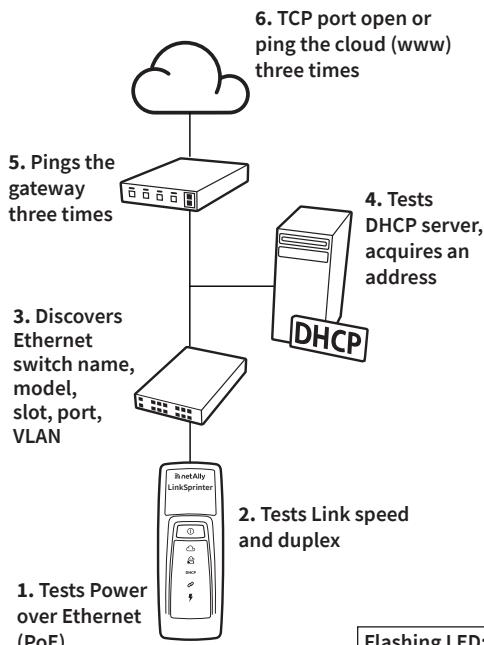
Network Tester

User Guide

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

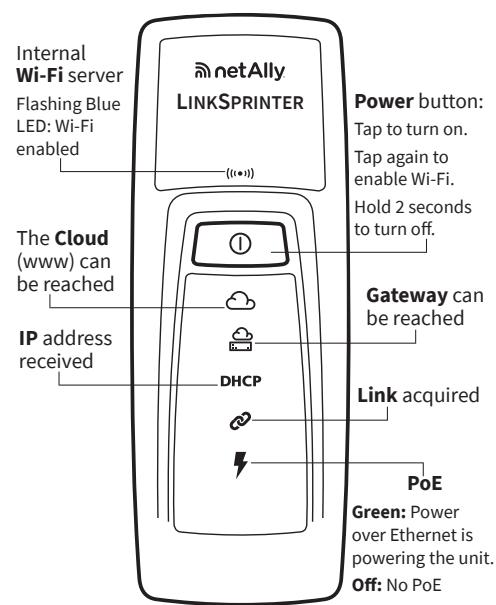


What is tested?



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.

LinkSprinter Symbols

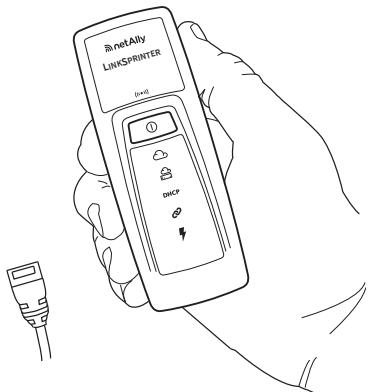


Claiming Your LinkSprinter to Link-Live Cloud Service

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

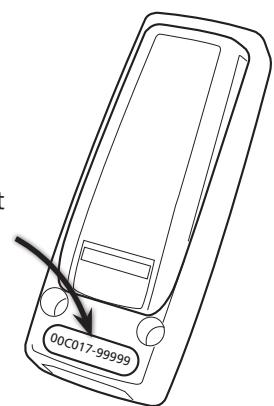


Follow the instructions to activate your account, then sign in.

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.



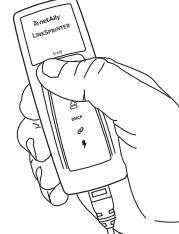
To claim, Link-Live needs the Unit number (last 6 digits of MAC) from the back of your device.

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.



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 to the result in the Link-Live Cloud.

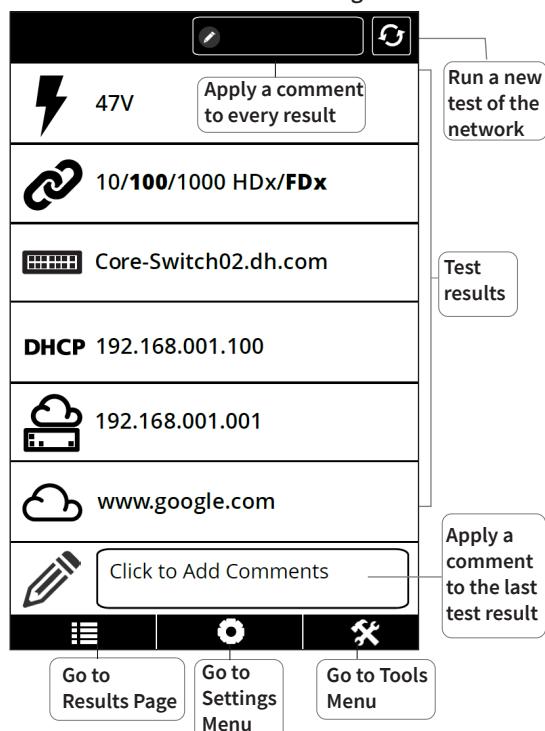
2 View Networks

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



NOTE: LinkSprinter 300 uses an open Wi-Fi network for local access to results and settings. For security, keep the device in your control while in use, disconnect after testing, and avoid letting your mobile device automatically reconnect to the LinkSprinter network.

Mobile Device Interface Main Page



Results Page

	47V	Power over Ethernet voltage
	10/100/1000 HDx/FDx	Bold indicates actual link speed and duplex
	Advertiser: 10/100/1000 HDx/FDx Rx Pair: 1,2 Polarity: normal	Advertised Link Speed and Duplex, Receive Pair and polarity
	Core-Switch02.dhr.com	Name of nearest switch
	Name: Core-Switch02.dhr.com Port: GigabitEthernet1/0/47 VLAN: 21 Model: cisco WS-C2960S-48TS-L IP/MAC: 172.031.163.010	Switch Port Advertisement from LLDP or CDP (optional)
	DHCP 192.168.001.100	DHCP address received
	Server: 193.211.132.127 Subnet: 255.255.254.000 DNS1: 192.181.002.170 DNS2: 192.181.002.173	DHCP server, subnet and DNS server address
	192.168.001.001 2ms, 5ms,-	Gateway IP address
	www.google.com Type: TCP Port: 80(HTTP) IP: 172.016.200.100 84ms, 89ms, 73ms	Ping response times (3) - means no response Target DNS name or IP address Ping or TCP port IP address if DNS name TCP or PING response times (3)

Mobile Interface

Settings Menu

	Test at 1 Gb when advertised. Off by default.	Test 1Gb <input type="checkbox"/>
	3-minute Auto-off	Auto-off <input checked="" type="checkbox"/>
	Send test results to cloud	Cloud Service <input checked="" type="checkbox"/>
	Set units for cable test	Cable Unit <input type="checkbox"/>
	Configure DHCP or static IP address	IP <input type="checkbox"/>
	Configure target DNS name or IP address and Configure PING or TCP port test type	WWW <input type="checkbox"/>
	Configure SSID and channel of built-in AP	Wi-Fi LinkSprinter, <Ch2> <input type="checkbox"/>
	Configure web proxy settings (if required by network administrator)	Proxy <input type="checkbox"/>

Tools Menu

	Run the Cable Test
	Flash a switch port to confirm wiring

Go to NetAlly.com/products/LinkSprinter for more information about your LinkSprinter.

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 version).

NetAlly.com

Useful Websites

NetAlly.com/products/LinkSprinter for product information

NetAlly.com/Support for customer assistance

NetAlly.com/EULA for warranty

Knowledge Base Articles

support.netally.com/kbhome/



Software Notice

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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 electrolyte 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.

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



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