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

**What is tested?**

1. Tests Power over Ethernet (PoE)
2. Tests Link speed and duplex
3. Discovers Ethernet switch name, model, slot, port, VLAN
4. Tests DHCP server, acquires an address
5. Pings the gateway three times
6. TCP port open or ping the cloud (www) three times

**LinkSpriter Symbols**

- **Power button:** Tap to turn on. Tap again to enable Wi-Fi. Hold 2 seconds to turn off.
- **Internal Wi-Fi server:** Flashing Blue LED: Wi-Fi enabled.
- **The Cloud (www):** Can be reached.
- **IP address received:**
- **Link acquired:**
- **Gateway can be reached:**
- **Green:** Power over Ethernet is powering the unit. Off: No PoE

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

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### Claiming Your LinkSpriter 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 LinkSpriter (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 LinkSpriter yet).

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

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### Connecting LinkSpriter to Your Mobile Device

1. **Turn on Link-Sprinter Wi-Fi**
   Tap the LinkSpriter power button, then tap again.
   The blue Wi-Fi icon flashes when Wi-Fi is enabled and stays on when the LinkSpriter is connected to a mobile device.

2. **View Networks**
   On your mobile device, navigate to the list of Wi-Fi networks.

3. **Connect to LinkSpriter SSID**
   Select the LinkSpriter SSID, called “LinkSpriter” + 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.linkspriter.com.
   The mobile device is now linked to your LinkSpriter 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.
Environmental and Regulatory Specifications

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 3g, 50 Hz - 200 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: 32°F to 122°F (0°C to 50°C), Relative Humidity 5% to 90%
Shock and vibration: IEC 68-2-28 (11 m/s²), 3 shocks (3 each)
Storage temperature: 32°F to 140°F (-20°C to 60°C), Relative Humidity 5% to 90%
Operating altitude: 13,123 ft (4,000 m)
Storage altitude: 32°F to 122°F (0°C to 50°C), Relative Humidity 5% to 90%

PCB and PCBA
- LCD Backlight, LED, and connector via VDE-FS-18350-9.0.0
- All conductive parts shall be grounded

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.

IC Statement
This device complies with Industry Canada ICES-003 Telecommunications 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, including interference that may cause undesired operation of the device.

The present appliance is conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’utilisation est autorisée aux deux conditions suivantes: (1) l’appareil ne doit pas produire de bruitage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radiodélectrique 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 by the regulations of Industry Canada.

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

Software Notice
This product uses:
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lwIP - Copyright (C) 2000-2004 Swedish Institute of Computer Science.
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Software license statements and files are available at LinkLive/OpenSource.

FCC: 47CFR15.247
IEC: 61326-1, Portable
EN 301 489-1/17
ETSI EN 300328-2-1

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
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Storage altitude: 32°F to 122°F (0°C to 50°C), Relative Humidity 5% to 90%

PCB and PCBA
- LCD Backlight, LED, and connector via VDE-FS-18350-9.0.0
- All conductive parts shall be grounded

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.

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The term “IC” before the radio certification number only signifies that this device meets Industry Canada’s technical specifications.