

# X2-SDL Wi-Fi Setup

---

All X2 Data Loggers are equipped with integrated Wi-Fi communications.

For applications using dedicated Wi-Fi telemetry, proceed through this document for network setup instructions for linking the system to the WQData LIVE Cloud Datacenter.



# Apply Power

---

Remove the white top lid to (16) D-Cell batteries or connect a SBP500 battery pack through the center 6-pin port of the X2-SDL

Successful power application to the SDL-X2 is identified by a buzzer beep.



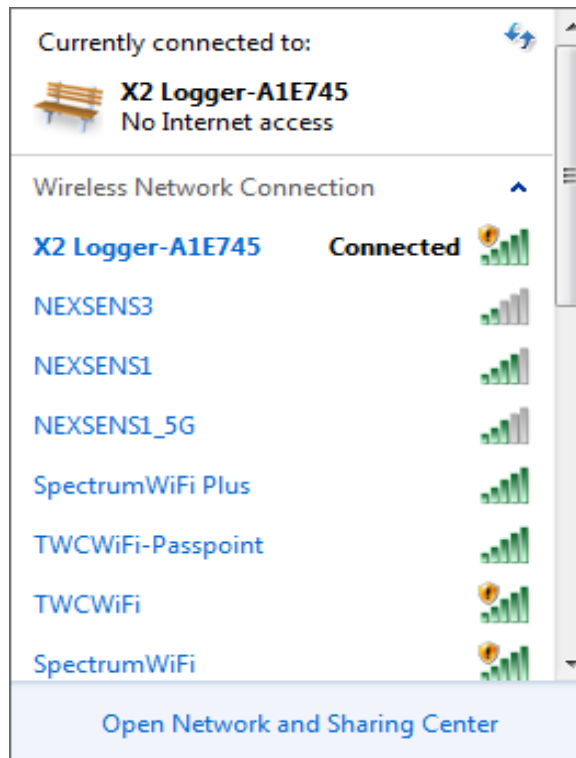
# Connect to Embedded Wi-Fi

---

On each new application of power, the embedded Wi-Fi module of the SDL-X2 will power on for a 10 minute duration.

During this time, the logger Wi-Fi Network will appear on the list of available Wireless Networks on a PC or Mobile Device and can be connected to.

If the logger network is not visible, disconnect and re-apply power to the logger and refresh the PC or Mobile Device's Network list.

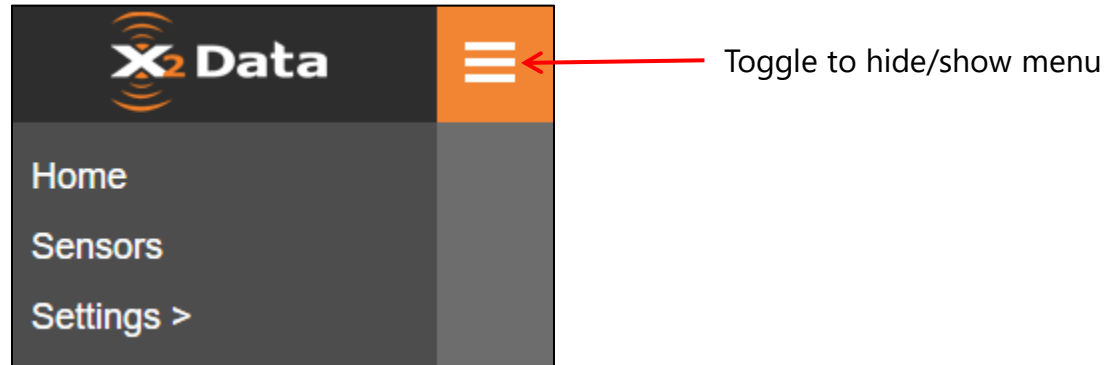


# X2 Embedded Web

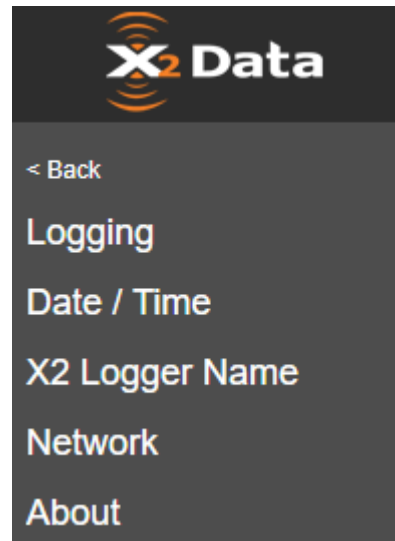
---

While connected to the logger network, navigate to **X2.NexSens.com** with a \* web browser to connect to the embedded web.

Access the **Main Menu**.



Go to **Settings|Network**



\*The mobile version of the Safari browser often has troubles navigating the X2 embedded web utility. Chrome or Firefox browsers are recommended.

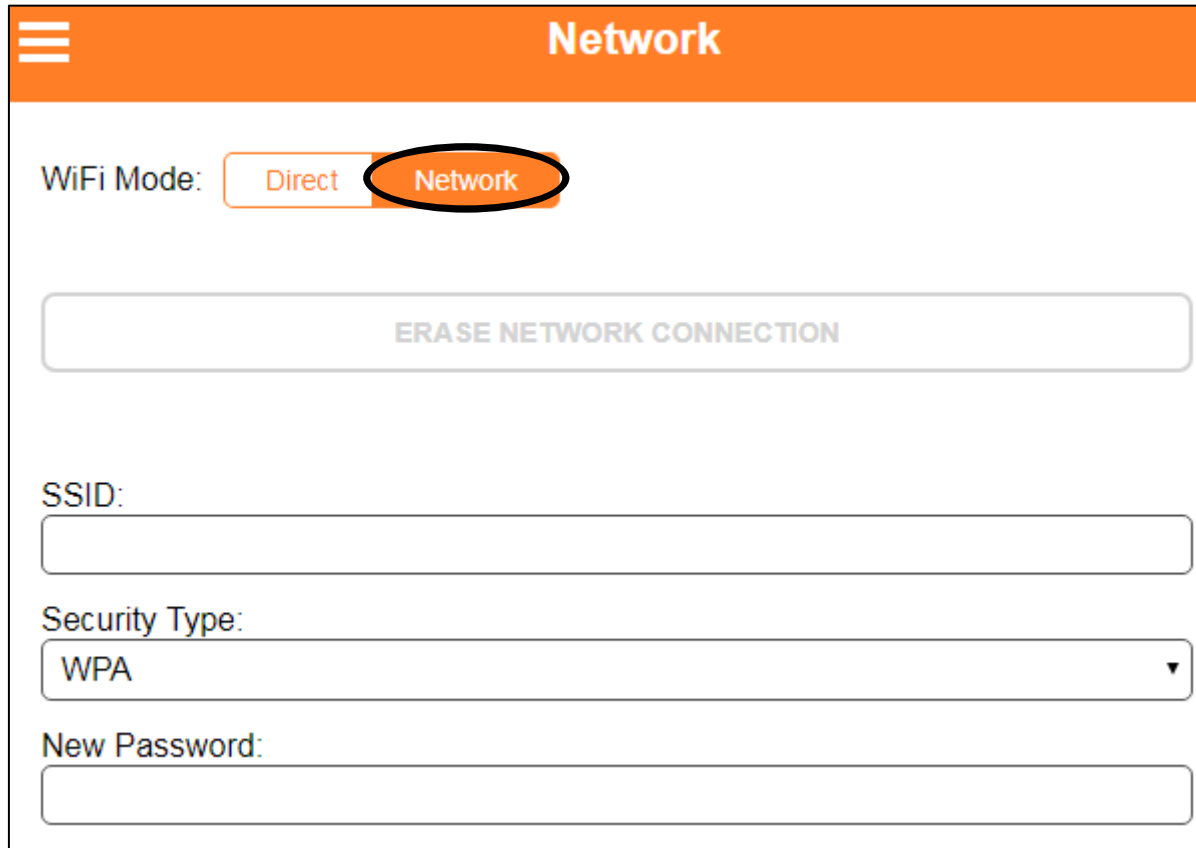
# Enter Wi-Fi Network Credentials

---

## Toggle the Wi-Fi Mode to Network

Enter the local Network SSID, Security Settings, and Password at the X2 Deployment location and click **Save Settings**.

The SSID is case sensitive and must be entered **exactly** as it is displayed.

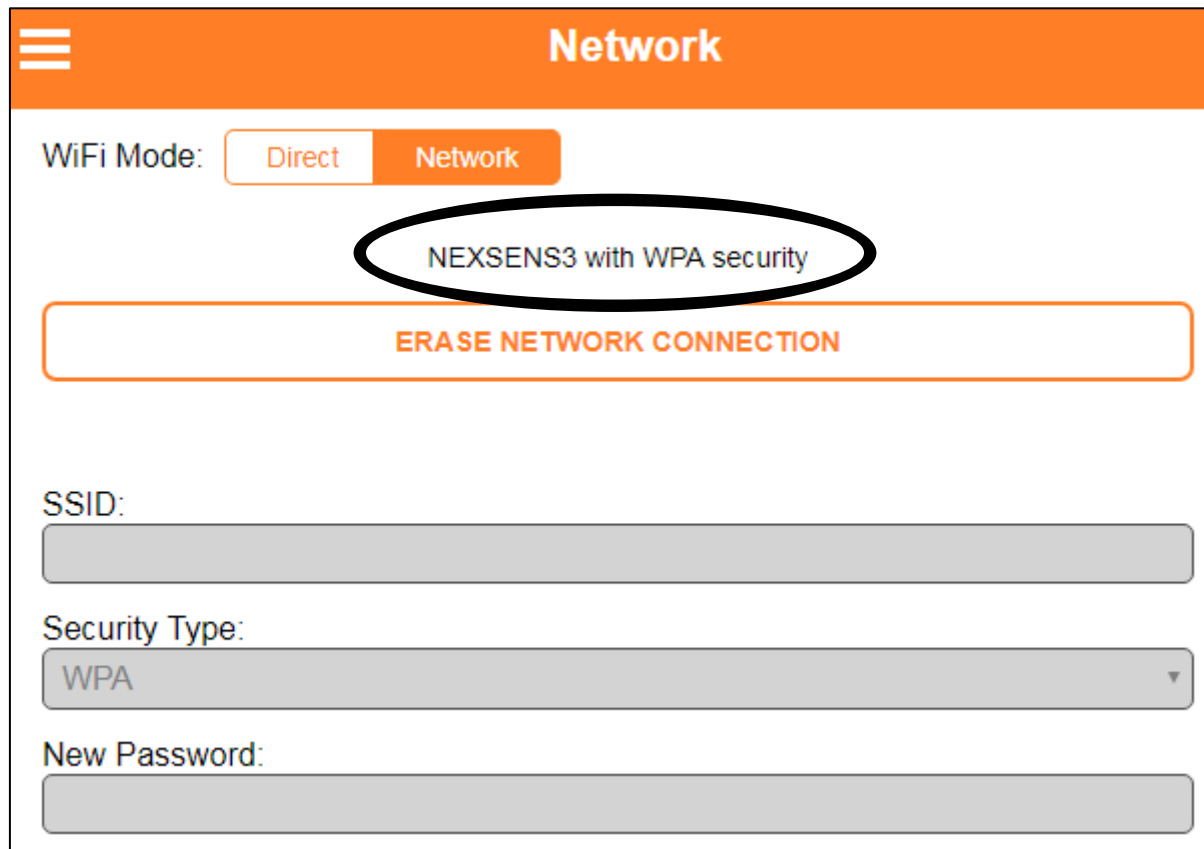


The screenshot shows a mobile application interface for network settings. At the top, there is an orange header with a hamburger menu icon on the left and the word "Network" in white text. Below the header, the "WiFi Mode:" section has two buttons: "Direct" and "Network". The "Network" button is highlighted with a black oval. Below this is a grey button labeled "ERASE NETWORK CONNECTION". Further down, there are three input fields: "SSID:" with an empty text box, "Security Type:" with a dropdown menu showing "WPA" and a downward arrow, and "New Password:" with an empty text box.

# Enter Wi-Fi Network Credentials

Once the network information has been committed successfully, a prompt will appear to reset the X2 Wi-Fi via a power cycle.

The accepted Network connection will be displayed above and the SSID and password fields will become greyed out.



The screenshot shows a mobile application interface titled "Network". At the top left is a hamburger menu icon. Below the title, there are two toggle buttons for "WiFi Mode": "Direct" and "Network", with "Network" being the active selection. In the center, the text "NEXSENS3 with WPA security" is displayed and circled in black. Below this, there is a button labeled "ERASE NETWORK CONNECTION". At the bottom, there are three input fields: "SSID:", "Security Type:" (with a dropdown menu showing "WPA"), and "New Password:". All these input fields are greyed out, indicating they are no longer active for editing.

# Apply Logger Network Changes

---

**Disconnect the PC or mobile device from the X2's Wi-Fi network** and reset its Wi-Fi by terminating (and later ) re-applying power.

Proceed to the next portion of setup in the X2-SDL manual.