

## SETTING UP YOUR WIFI CONNECTION

First set up the power controller so that you can access it from a wired connection.

An easy way to do this is from the keypad:

<https://www.digital-loggers.com/prokeypad.html>

If the WiFi and LAN settings will be on the same network, go to the LAN settings and change the Metric to 1 and press submit. Metric is available in Firmware 1.9.8.0.

LAN Configuration	
MAC Address	<input type="text" value="7C:E1:FF:02:CF:02"/>
Protocol	<input type="text" value="Static IP"/>
IP address	<input type="text" value="192.168.11.98"/>
Subnet mask	<input type="text" value="255.255.255.0"/>
Gateway	<input type="text" value="192.168.11.1"/>
Metric	<input type="text" value="1"/>
DNS servers, comma-separated	<input type="text" value="1.1.1.1"/>
<input type="button" value="Submit"/>	

\* If using firmware 1.8.x, login via SSH and type or copy/paste these commands  
uci set network.lan.metric=1  
uci set network.wan.metric=0  
uci commit network  
reboot

Once you are able to access the power controller wired, go to the WiFi Configuration on the Setup page.

Enable WiFi by checking the WiFi module enabled and pressing submit.

WiFi Configuration	
WiFi module enabled	<input checked="" type="checkbox"/>
MAC Address	<input type="text" value="7C:E1:FF:02:CF:03"/>
Protocol	<input type="text" value="Static IP"/>

In the Available WiFi Access Points section, press the Scan button (Firmware 1.8.19.0 and higher)

Available WiFi Access Points				
	<input type="button" value="Set up"/>	channel 4	-29 dBm	WPA2 PSK
Nexus	<input type="button" value="Set up"/>	channel 4	-31 dBm	WPA2 PSK
Nexus	<input type="button" value="Set up"/>	channel 4	-60 dBm	WPA2 PSK
	<input type="button" value="Set up"/>	channel 4	-61 dBm	WPA2 PSK
ATTKAK3k8s	<input type="button" value="Set up"/>	channel 1	-67 dBm	WPA2 PSK
ATT2P9S3A3	<input type="button" value="Set up"/>	channel 11	-85 dBm	WPA2 PSK
	<input type="button" value="Set up"/>	channel 11	-86 dBm	WPA/WPA2 PSK mixed mode
ATT2P9S3A3	<input type="button" value="Set up"/>	channel 7	-86 dBm	WPA2 PSK

Locate your network and press the “Set up” button.

Configure your network.

Using the SCAN feature is not necessary. You can simply enter the required settings. Enter your preferred settings and press submit.

WiFi Configuration	
WiFi module enabled	<input checked="" type="checkbox"/>
MAC Address	<input type="text" value="7C:E1:FF:02:D0:FE"/>
Protocol	<input type="text" value="Static IP"/>
Channel	<input type="text" value="Autoselect"/>
Mode	<input type="text" value="Client"/>
SSID	<input type="text" value="Nexus"/>
Encryption	<input type="text" value="WPA2 PSK"/>
Encryption Key	<input type="text" value="....."/>
IP address	<input type="text" value="192.168.10.123"/>
Subnet mask	<input type="text" value="255.255.255.0"/>
Gateway	<input type="text" value="192.168.10.1"/>
Metric	<input type="text" value="0"/>
DNS servers, comma-separated	<input type="text" value="8.8.8.8"/>
<input type="button" value="Submit"/>	
Available WiFi Access Points	

After the unit recovers, try to access it at the WiFi IP address.

If you have difficulties connecting, verify your Encryption key. The “Encryption Key” is your network password