

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.

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:CF:03"/> |
| 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"/> |
| IP address | <input type="text" value="192.168.254.1"/> |
| Subnet mask | <input type="text" value="255.255.255.0"/> |
| Gateway | <input type="text"/> |
| Metric | <input type="text" value="0"/> |
| DNS servers, comma-separated | <input type="text"/> |
| <input type="button" value="Submit"/> | |

After the unit recovers, try to access it at the WiFi IP address. If you have difficulties connecting, verify your Encryption key.