

Table 1
Status LED Info

Status LED	
Solid Pink	- Connect to Network
Solid Blue or Blinking Blue	CONNECTED
Solid Red	During a Factory Reset – Let go of button
Blinking Pink or Red LED means:	
1x Flash	Trying to connect to Wi-Fi router
2x Flash	Trying to connect to cloud service

SkyCentrics
USNAP DC Module
(CTA-2045) Wi-Fi



Installation and Setup

1. Get to know your USNAP

Your new USNAP DC module allows your device to communicate to the internet so that both you, and optionally your utility, can monitor it and send information to your device remotely.

Figure 1



RESET: To reset, press the reset button with a paper clip and hold it down for 7-10 seconds until the LED is solid RED and release.

STATUS: The 3 color LED shows blue, red, or pink. See Table 1 for more information.

QR SYMBOL: Scan with the SkyCentrics app “SCN Setup” to simplify connecting your device to your network and account.

S/N: Serial Number

CODE: A unique security code that demonstrates you own the device. Please copy serial number and code below for your records.

S/N: _____

CODE: _____

YOUR MACHINE: _____

1. Review the requirements

To get started, you will need:

- Your USNAP DC module
- A Smart Grid Device that has a USNAP communications port

Read and follow all of the instructions, cautions, and warnings in this manual.

2. Install the USNAP

1. Plug the USNAP into the port on your Smart Grid Device (SGD). It will only fit one way.

2. Connect the USNAP to your Wi-Fi network

The easiest way to put your USNAP on your Wi-Fi network is with the SkyCentrics apps.



We currently have two apps:

“SCN Setup” – Create Account, Put device on network, Add device to your account

“SkyCentrics” – Monitor and control your device

If you do not have a smartphone, please see the “Quick Start Connection Guide,” on the back of this sheet. Download

3. Participation in your Utility Energy Management Program

The USNAP DC module enables your Smart Grid Devices to be informed of power grid conditions and to respond intelligently. If the USNAP DC module is installed and connected to your Wi-Fi network, and your Smart Grid Device (SGD) is enabled to support this feature, your SGD is ready to help support the power grid.

Your utility’s energy management program may collectively optimize power use when necessary to support the power grid. The result is a more efficient and reliable system. This also helps maintain lower electricity rates.

All SGD’s are supposed to have a method that allows you to connect or disconnect to the grid. It is generally called “Grid Enabled.” If you would like to participate in your utility program, please ensure this is enabled.

4. Regulatory Notices

FCC (United States)
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, (2) This device must accept any interference received including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against interference in a residential or commercial installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this instruction manual, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician.

CAUTION: Changes or modifications to this equipment not expressly approved by the party responsible for compliance (SkyCentrics, Inc.) could void the user’s authority to operate the equipment.

ICES-003 (Canada)
This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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Quick Start Connection Guide
Wi-Fi Setup – Browser Method



1. GO TO YOUR AVAILABLE Wi-Fi NETWORKS

Your SkyCentrics device produces a Wi-Fi network. You can connect to the device, using a laptop computer, smartphone, or tablet.

From your computer (iPhone, Android, Mac, PC):

In your settings, select Wi-Fi to view available networks



- The device will search for available Wi-Fi networks. Select your Wi-Fi network or Search Again.

Device Setup #D33B83

Select your network or search again (bottom of page)

Number	SSID	Signal Strength (dBm)	Security Mode	Channel	
1	CB 1c9813	-74	WEP	1	Select
2	#ACF369	-30	No Security	1	Select



Device Setup #D33B83

Enter Wi-Fi password (passphrase) if needed and click **Connect to Network**



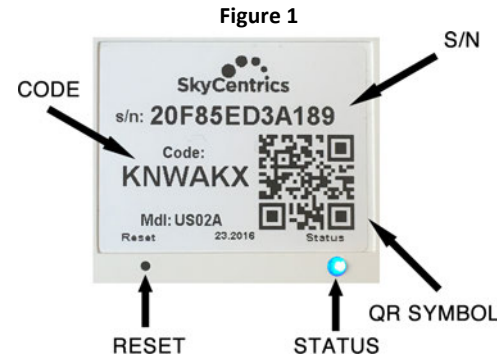
TROUBLESHOOTING: If your device has failed to connect to your network (1 red flash = can't connect to Wi-Fi network, 2 red flashes = can't connect to internet), **factory reset** the device by holding the "Reset" button down with a paper clip for 7 seconds until the LED becomes permanently red, then release the button. The SkyCentrics device will start broadcasting its #xxxxxx network so you can try again.

Questions, problems, missing parts? Go to support.skycentrics.com.

2. CONNECT TO YOUR DEVICE'S NETWORK

From the list of available Wi-Fi networks, select your device's network, which looks like #xxxxxx.

For example, #D3A189, which are also the last 6 digits of your device's serial number (s/n) found on its label.



- Your device will connect to your Wi-Fi network.

Device Setup #D33B83

Connecting to SkyCentrics

On device, BLUE light = connected

If you do not get only a blue light after a few minutes, please factory reset and try again. Please add device to your account.

* Factory reset = hold button down until solid red and release.

3. CONNECT DEVICE TO YOUR Wi-Fi ROUTER

- Open a web browser (as if going to a website). Go to:

10.10.1.1/a.html

and enter the Code from your label.



3. REGISTER AND ADD YOUR DEVICE

- Go to **www.skycentrics.com**, click login, and create an account.
- Click "+" and add a device.
- Follow the instructions shown.
- Remember to download the "SkyCentrics" app for monitoring and control, and/or the "SCN Setup" app for creating an account, putting your device on your Wi-Fi network, and adding devices to your account.

