

The instructions in this guide provide a basic overview for quickly getting results from a NorthStar lighting solution. They are intended to get you up and running quickly, and should be used for initial testing and proof of concept operations.

### Installation Overview:

- Connect the site controller and turn it on
- Log in to the site controller
- Configure the controller's location and time settings
- Change the site controller's default password
- Conduct a system census to discover lights
- Configure and place lights
- Control the lights

Once these steps are complete, you'll have a good feel for how a full installation will work and behave, and a clearer picture for how you'll want the full installation to be configured.

### System Requirements

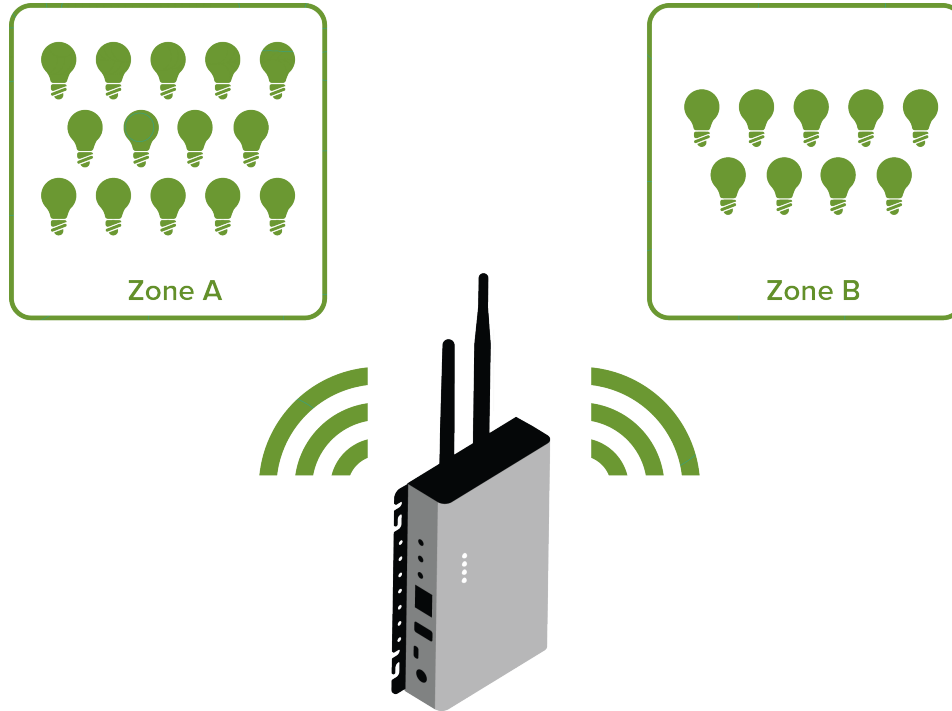
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- Leviton NorthStar Site Controller
- Leviton light controllers
- Laptop or tablet running the Google Chrome browser

## Lighting System Configuration Overview

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A **NorthStar** lighting solution consists of a **NorthStar Site Controller** and some number of lights equipped with Leviton light controllers, and potentially sensors and/or switches.



The **NorthStar Site Controller** serves as the hub of control and communications for managing the lights that make up the lighting solution.

## Setting up the NorthStar Site Controller

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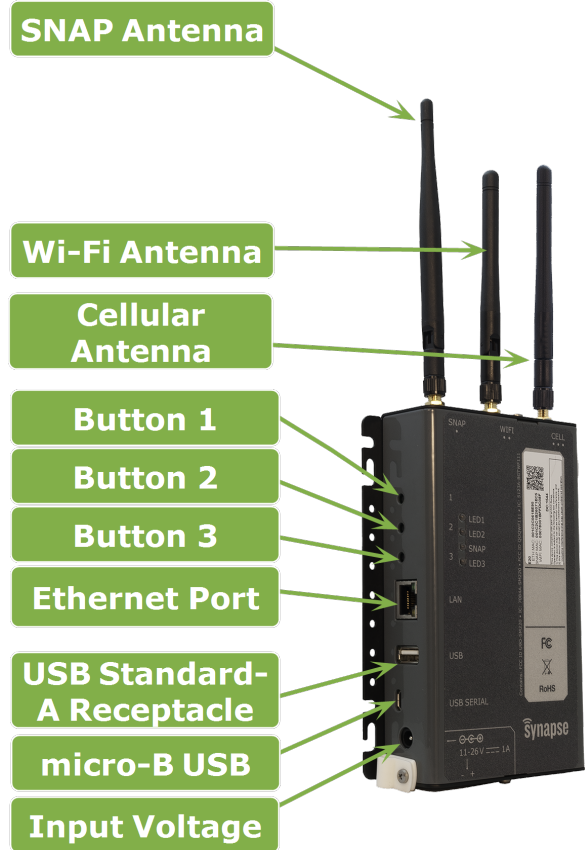
The first step in installing a **NorthStar** lighting solution is to connect the physical hardware of the system, followed by configuration of the system within the **NorthStar** user interface. These instructions assume that you have already physically installed the hardware that will make up your **NorthStar** lighting solution and you are now ready to connect the site controller.

## To install the NorthStar site controller:

1. Unpack the **NorthStar Site Controller**.
2. Attach the included antennas to the site controller as shown. When looking at the top of the site controller (with the mounting bracket on the back side), the longest antenna (SNAP antenna) attaches to the left-most antenna connector, and the shorter Wi-Fi antenna attaches to the middle connector. If the site controller that you're installing has cellular capability, the optional cell antenna is attached to the remaining connector.

Leviton-provided antennas will have white dots at the base of the antenna that denote the type. One dot is a SNAP antenna, two is for a Wi-Fi antenna, and three is for a cellular antenna. This notation is also reflected on the front unit label of the site controller.

3. Plug the provided power supply into the barrel connector and then into an 110VAC outlet. When the **NorthStar Site Controller** powers up, orange LEDs will light up for approximately 30 seconds while the site controller software starts up. Once this is complete, the orange LEDs will turn off and the site controller will be ready to use.



## Software Configuration and Logging In

The **NorthStar Site Controller** comes preconfigured with the **NorthStar** software so there is no user installation of software required.

The current version of the **NorthStar** software only supports the Google Chrome browser. Other browsers will be supported in future releases. If you don't have the Google Chrome browser installed on your device, please download and install it from this location:

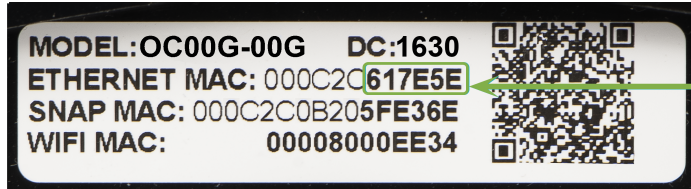
<http://www.google.com/chrome>

## Accessing the Site Controller

The **NorthStar Site Controller** supports LAN (Ethernet) and Wi-Fi connections. The **NorthStar Site Controller** acts as an access point and broadcasts its Wi-Fi SSID over the air. During installation the Wi-Fi connection is used to establish communications between the controller and a browser based device such as a computer or tablet. After that, it can be accessed via Ethernet or Wi-Fi.

The SSID that is broadcast from the site controller should be visible from the network connections panel of your computer or tablet. It will appear in your network connections list as SimplySNAP\_XXXXXX where XXXXXX is the specific address of the site controller. This address is unique to each site controller and is the last 6 alphanumeric characters of the Ethernet MAC address.

The Wi-Fi connection to the site controller is secure. Once you select the SSID and your computer attempts to connect to the site controller, it will prompt you for a password to complete the connection.



Last six characters of Ethernet MAC address

Enter the password **synapse!wireless** to establish the connection.

When this password is entered a connection is established and will appear in your network settings similar to what is shown below. This may appear as an “Unidentified network” with no Internet access.



Next, launch the Chrome browser and enter HTTPS://192.168.55.1 in the address bar.

Make sure it is entered exactly as shown. (This is a secure connection to a specific IP address that is the factory default within the site controller). This connection mimics a connection to an internet access point.

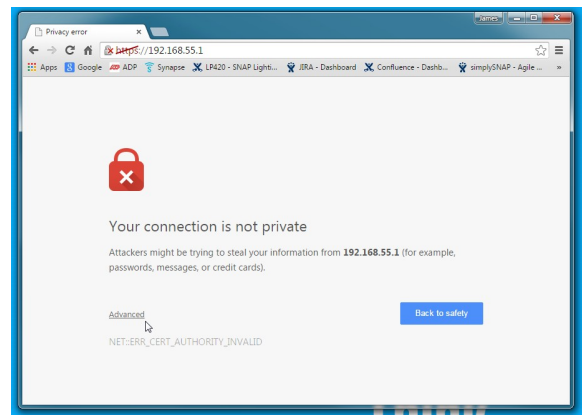
You will receive a warning as shown at right. Click the **Advanced** link at the bottom, then click the "Proceed to 192.168.55.1 (unsafe)" link. (This warning is displayed because the site controller is using an unsigned security certificate.)

The **NorthStar** dashboard should now appear in your browser and present you with the login screen for the **NorthStar** site controller.

Enter the following username and password:

**Username:** snap

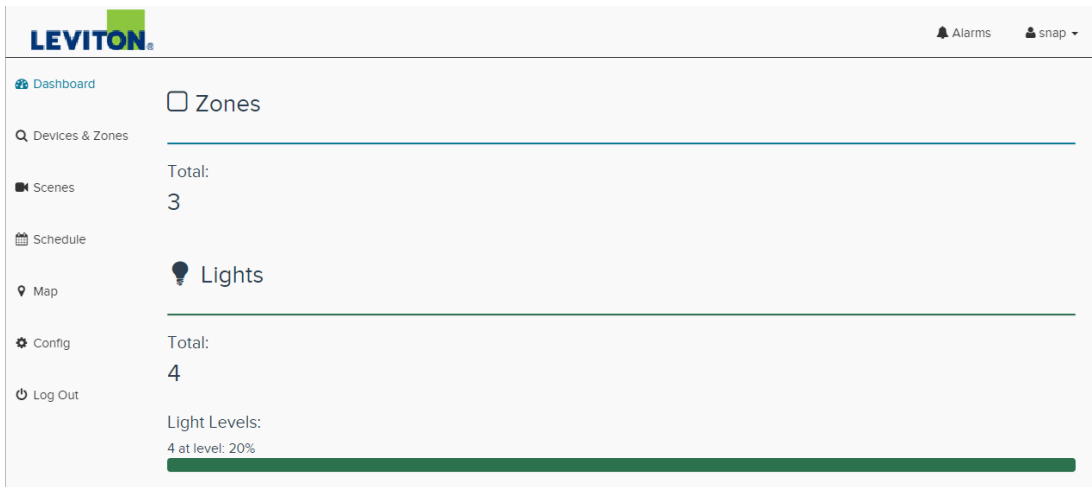
**Password:** qwerty



After you log in, navigate to the **NorthStar** dashboard page by clicking the Dashboard menu selection.

# The Dashboard

The dashboard provides an overview of the components that make up your NorthStar system.



**NOTE:** For more information on the Dashboard and menu choices, please see the NorthStar User Guide.

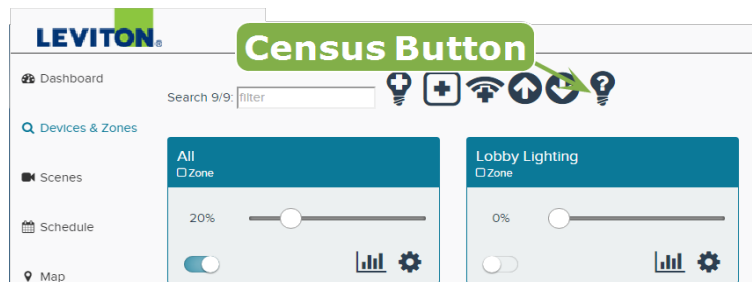
## Discovering Unconfigured Devices

You'll next want to add a few devices to the system to get a feel for how it works. Again, these instructions are for getting a quick idea of how easy the system is to configure and use, and not intended to be used for a full installation. Please consult the NorthStar User Guide for full instructions.

**NOTE:** Before proceeding, make sure all of your lighting controllers are properly installed and power is applied.

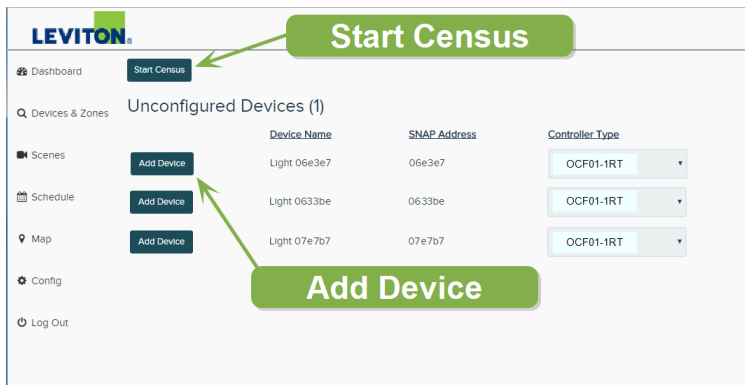
You can click the **Unconfigured Devices** icon on the **Devices & Zones** page to perform a "census" of the unconfigured **NorthStar** devices on your channel and network ID. These devices will appear in a list to provide you with an easy way to configure them.

If you are adding several devices in this manner, we recommend that you perform the census two or three times to ensure that all devices were discovered.



### To perform a census of unconfigured devices:

1. Click the **Devices & Zones** menu choice in the left menu panel, then click the **Census** icon.
2. Click the **Start Census** button at the top of the screen. NorthStar will begin to search for unconfigured devices in your network.
3. If unconfigured devices are discovered, you will be presented with a list of the devices. To add a device to your network, click the **Add Device** button to the left of the device you wish to add. The new device will appear in a pane on the **Devices & Zones** page.



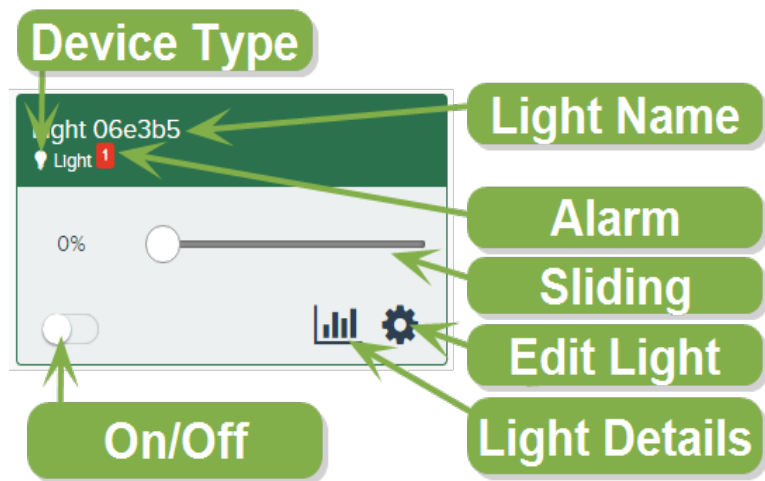
**NOTE:** If the lighting controller does not automatically identify its type as part of the census, you can manually select the proper type using the drop-down menu.

4. Once the device is loaded, you can edit it as you would any other device. For more information on editing devices, please consult the **NorthStar** user guide.

## Activating, Deactivating and Dimming Lights

After a light is entered into the system it can be controlled directly from the **Devices and Zones** page. Broader control can be accomplished through the use of zones, schedules, and sensors, which are explained fully in the **NorthStar** User Guide.

The light may be switched on and off using the toggle switch in the lower left of the light panel, while dimming can be controlled using the slider switch in the center of the panel.



## Next Steps

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You have now completed the NorthStar lighting solution introduction. For more detailed information, including administration and configuration of zones, sensors, and behaviors, consult the NorthStar user manual.