

Specification Data	
Job Name	
Type	
Catalog #	
Comments	



## PRODUCT OVERVIEW

The **Central Base Station (CBS)** is a NEMA 4X enclosure with local programmable push buttons to manually activate up to 25 Scenes (5 per button) across specific Zones or over the entire lighting installation.

The Central Base Station site controller serves as the heart of your SimplySnap solution. This network edge appliance provides quick browser-based access and local control of smaller systems with hundreds of devices. The Central Base Station is easy for certified electricians to install in both indoor and outdoor applications.

Cloud options<sup>1</sup> add capabilities for Dynamic Behaviors, remote access, color control, and Dynamic Behaviors with color.

Common applications include parking lots, garages, municipal ballparks, hockey arenas, basketball facilities, and other multi-use complexes.

## KEY FEATURES:

- Network connectivity through ethernet, Wi-Fi, or cellular
- Cellular Service plans available<sup>1</sup>
- Enclosure latches support customer supplied external lock for security
- Optional Dynamic Behaviors License or Dynamic Behaviors with Color for sports applications<sup>1</sup>
- Outdoor rated power supply and enclosure
- Weather protected (when latched) - perfect for both indoor and outdoor applications
- Pre-configured 5-button switch to allow for control of all lighting within the facility
- External Ethernet port for connecting to IT network
- Includes internal surge protection

### Enclosed Site Controller with 5-button switch

Product #	Description
CBSSW-450-002	SS450-based Model w/ 5-button switch
SSDB-001	Optional Software License for Dynamic Behaviors (single gateway)
Cloud Features <sup>1</sup>	Cloud subscription for Dynamic Behaviors or Dynamic Behaviors with Color
Cellular Plans <sup>1</sup>	Cellular Service plans available

<b>Dimensions</b>	13.3 x 11.3 x 7.7" (336 x 286 x 196mm)
<b>Input Power</b>	Outdoor rated power supply 110-277VAC; 11W max, 6kV surge protection
<b>Operating Environment</b>	Outdoor rated at -40°C to +54°C, IP65 (when latched)
<b>Cellular</b>	Verizon 4G LTE
<b>Wi-Fi</b>	802.11 b/g/n
<b>Radio</b>	SNAP 2.4 GHz; 802.15.4 +20 dBm Transmit Power -105 dBm Receive Sensitivity
<b>Certifications</b>	FCC/IC UL 60730-1 CSA E60730-1 ROHS 3:2011/65/EU(2015/863)
<b>Warranty<sup>2</sup></b>	5 Years

1. Cloud based features, cellular plans, and other applications sold separately, contact sales for details.

2. See [www.synapsewireless.com/warranty](http://www.synapsewireless.com/warranty) for warranty terms

To learn more, call or visit:  
[synapsewireless.com](http://synapsewireless.com)  
 (877) 982-7888



# DYNAMIC BEHAVIORS- OPTIONAL LICENSED FEATURE

Small stadium and arenas can increase excitement and improve the experience for their fans by adding the ability to produce different lighting effects during events. This optional licensed feature on the CBS gateway(s) enables SimplySnap users to produce stunning lighting effects.

Add this capability to sports lighting systems by purchasing one of the following:

- SimplySnap Dynamic Behaviors software license (single gateway)
- SimplySnap Cloud Subscription for Dynamic Behaviors
- SimplySnap Cloud Subscription for Dynamic Behaviors with Color

## Dynamic Behaviors include:

- Paparazzi
- Fast Paparazzi
- Sparkle
- Fast Sparkle
- Random

**Sparkle:** All lights in the zone randomly fade in and out.

**Paparazzi:** All lights in the zone emulate busy flash bulbs.

**Random:** All lights in the zone cycle through random levels.

## Configuration:

To create a Dynamic Behaviors or Dynamic Behaviors with Colors, users will create a new Scene and choose one of the included Dynamic Behaviors from the drop down menu of behavior types. If the Sparkle or Paparazzi behaviors are selected, then the option will appear to select normal or fast speed. If Dynamic Behaviors with Color is enabled, then a color can also be selected for that Scene.

To complete the configuration, the user will select which Control Zone(s) will be associated with this scene. When the Scene is applied all the lights in the associated control zones will start the Dynamic Behavior for that Scene. Users can apply a scene through the browser interface, a wireless wall switch or directly from the CBS front panel buttons.

## System Requirements:

1. The Dynamic Behaviors license can be installed on the SS450-002 or CBSSW-450-002 gateways running SimpsySnap version 10.2 or higher.
2. There are performance requirements for the LED drivers used with this feature. Lighting companies that want to offer this feature to end customers are expected to utilize a DIM10-087-06 type controller using a certified D4i driver or a 0-10V dimming with an Inventronics driver that includes “fast dimming” capabilities or one with equivalent performance.
3. Dynamic Behaviors with Color and general color features require D4i LED Drivers installed and configured for color control. Please contact sales for further details

