SS450

SimplySNAP On-Site Controller

Specification Data

Job Name	
Type	
Catalog #	
Comments	

Product Overview

The **SS450** site controller serves as the heart of your lighting solution, allowing local control without the internet using the Synapse SimplySNAP solution.

SimplySNAP is a wireless, on-site control solution for monitoring and controlling outdoor and indoor lights via a SNAP mesh network. SimplySNAP provides the flexibility to manage your lighting, your way, with system setup and configuration through a mobile-friendly Wi-Fi interface.

The system stores power data, zones, alarms, behaviors, and critical events locally for maintenance and troubleshooting; and provides municipal compliance via daily schedules, sensor controlled behaviors, and multiple dimming levels. With programmable schedules and easy setup, SimplySNAP is the perfect solution for remote sites or where internet is not desired.
You just configure it and it runs.

Features

- No Internet Required
- Multiple Zones, Behaviors, Events, and Schedules
- SimplySNAP creates a Wi-Fi connection to smart phone, tablet, or PC
- Optional SimplySNAP Remote Access (SSRA) service available
- Sunrise and Sunset Schedules driven by latitude and longitude
- Energy saving features including Daylight Harvesting and Demand Response

SimplySNAP Lighting On-Site Controller — No Internet Required

Product #	Description
SS450-002	WiFi and Verizon 4G LTE enabled, wall mount bracket; 4 Antennas

Dimensions	6.8" L x 4.6" W x 1.4" H (173mm L x 117mm W x 36mm H) without antennas
Operating Environment	-40°C to +70°C Indoor Use or Outdoor with Waterproof Enclosure
Mounting	DIN rail or Wall Mounted
Input Power	12-24VDC (via Barrel Connector or Terminal Block Connector) Includes 100-240VAC, 15W AC adapter
Cellular	Verizon 4G LTE
Wi-Fi	802.11 b/g/n
Radio	SNAP 2.4 GHz; 802.15.4 +20 dBm Transmit Power -105 dBm Receive Sensitivity
Certifications	FCC, IC, cULus
Warranty	5 Years

SS Series Lighting Site Controllers

Included with the SS450:

- 4 Antennas
- 1 Power Supply
- Mounting Template
- Terminal Block Connector
  (for alternate power connection)
- Quick Install Guide

Supported Wireless Controllers:

Part #	Description
DIM10-087-06	DC Power Light Controller
DIM10-087-6A	DC Power Light Controller in metal case
DIM10-250-11	120-277V, Power Monitoring, 5 Amp Relay, Cased, Sensor Input, Sensor Power Supply
TL7-xx	Twist-lock Wireless Lighting Controllers with built-in Photocell

Twist Lock Controllers
TL7-xx

Embedded Controllers
DIM10-087-06/06-A

Bolt-on Controllers
DIM10-250-11

SS Series Lighting Site Controllers