Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

SS420/SS450

SimplySNAP On-Site Controller

Specification Data	
Job Name	
Type	
Catalog #	
Comments	

Product Overview

The **SS420/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
- Optional Cellular Connectivity (SS450 only)
- REST API available for custom integration / management with 3rd party software

SimplySNAP Lighting On-Site Controller — No Internet Required

Product #	Description
SS420-002	Wi-Fi enabled, Wall mount bracket; 2 Antennas
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, CE (SS420 only), cULus
Warranty	5 Years

SS Series Lighting Site Controllers

Included with the SS420:

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

Included with the SS450:

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

Supported Wireless Controllers:

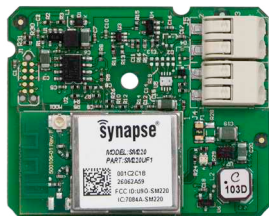| Part #	Description
DIM10-087-00	DC Power Light Controller
DIM10-100-00	120-277V, 2 Amp Relay, Terminal Blocks and Dimming
DIM10-250-11	120-277V, Power Monitoring, 5 Amp Relay, Cased, Sensor Input, Sensor Power Supply
TL5-B1	100-277V, 5-pin Twist-lock, Power Monitoring, 5 Amp Relay, Integrated Photocell, IP66

TL5-B1

DIM10-100-00

DIM10-087-00

DIM10-250-11

SS Series Lighting Site Controllers

synapse® Proven Solutions for the Internet of Things