



# SS420

## SimplySNAP On-Site Controller

Specification Data	
Job Name	
Type	
Catalog #	
Comments	

### Product Overview

The **SNAP® SS420** serves as the heart of your solution by allowing control of lights locally without internet using the Synapse SimplySNAP solution.

SimplySNAP is a Wireless on-site control solution for monitoring and controlling Outdoor and Indoor LED lights via a SNAP mesh network. SimplySNAP allows flexibility to manage your lighting, your way allowing for system setup and configuration through a mobile-friendly Wi-Fi interface.

The system stores power data, zones, alarms, and critical events locally for maintenance and troubleshooting, and provides municipal compliance via daily schedules and multiple dimming levels throughout the night. 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
- No recurring software fee—buy once, use forever
- Multiple Zones, Events, and Schedules
- SimplySNAP creates a WiFi connection to smart phone, tablet, or PC
- Upgradable to SNAP Lighting Cloud Solution
- Firmware Upgrades via USB Flash Drive
- Sunrise and Sunset Schedules driven by latitude and longitude



### SimplySNAP Lighting On-Site Controller — No Internet Required

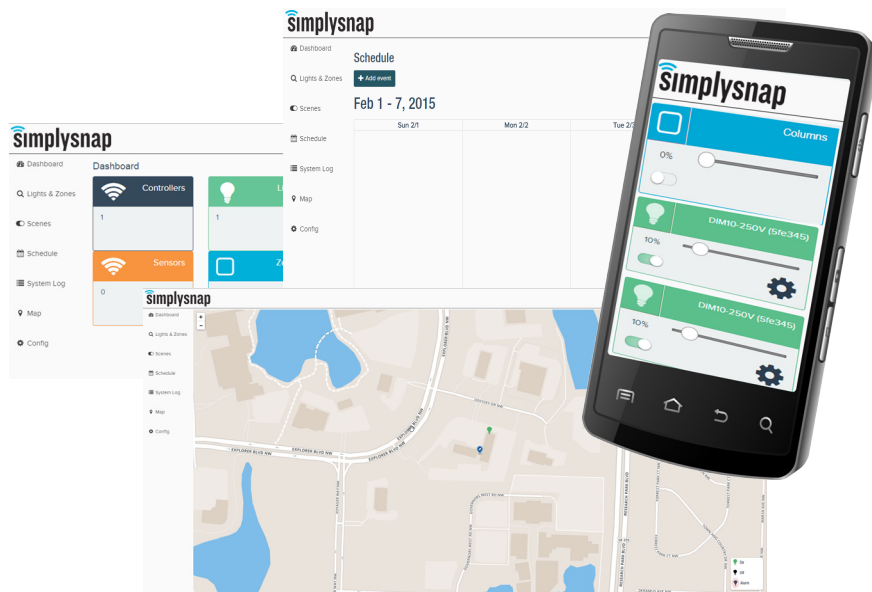
Product #	Description
SS420-001	WiFi enabled, Wall mount bracket

<b>Dimensions</b>	6.7" L x 4.6" W x 2.2" H (171mm L x 117mm W x 56mm H)
<b>Operating Environment</b>	-40°C to +70°C Indoor Use or Outdoor with Waterproof Enclosure
<b>Mounting</b>	DIN rail or Wall Mounted
<b>Input Power</b>	12-24V DC (Barrel and Terminal Block Connectors)
<b>Wi-Fi</b>	802.11 a/b/g
<b>Radio</b>	SNAP 2.4 GHz; 802.15.4 +20 dBm Transmit Power -105 dBm Receive Sensitivity
<b>Certifications</b>	FCC
<b>Warranty</b>	5 Years
<b>Interfaces</b>	1 USB Port for Software Updates 1 Ethernet Port for Wired Access

To learn more, call  
**Dave Medinis**  
 239 841 3283

## Included with the SS420:

- 2 Antennas
- 1 Power Supply
- Mounting Bracket
- Terminal Block Connector  
(for alternate power connection)



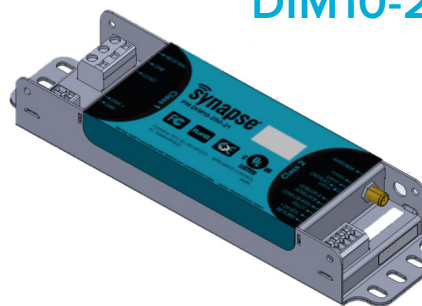
## Supported Wireless Controllers:

Part #	Description
DIM10-100	120-277V, 2Amp Relay, Terminal Blocks and Dimming
DIM10-150	120-277V, 3Amp Relay, Flying Leads, and Dimming
DIM10-250-11	120-277V, Power Monitoring, 5Amp Relay, Sensor Input and Output, Cased Unit
DIM10-280	120-277V, Power Monitoring, 5Amp Relay, Sensor Input and Output, Board

### DIM10-100



### DIM10-250-11



### DIM10-150



## SS420 Options:

Part #	Description
SS420-001	WiFi enabled, Cased with wall mount bracket
SS425-001	WiFi enabled, Board (coming soon)
SS450-001	WiFi enabled, Verizon Cellular, Cased with wall bracket (coming soon)