



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!



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SimplySNAP

Wireless Lighting Control Solution

SimplySNAP is a wireless lighting control solution that enables considerable energy savings and lowers operating costs by automating, customizing, and controlling the behavior of lights.

Built for easy installation and use, SimplySNAP doesn't require Internet access and can scale to hundreds of lights, all controlled by a single site controller. SimplySNAP is powered by an encrypted, self-forming, self-healing, 802.15.4 SNAP mesh network and provides a reliable and secure foundation for your lighting network.

SimplySNAP makes commissioning easy with four provisioning options. In addition to manual entry and CSV upload, the Synapse mobile commissioning application, and auto-discovery of unconfigured lights makes commissioning child's play.

Day-to-day operation is just as easy thanks to a browser-based user interface that's accessed through a mobile-friendly Wi-Fi interface. Easy access from a laptop or tablet means your system can be controlled or reconfigured whenever needed. With the optional SimplySNAP Remote Access service, your lighting network can also be managed remotely from anywhere you have an Internet connection.

The system stores power data, alarms, and critical events locally for maintenance and troubleshooting, and provides California Title 24 compliant daily schedules. Occupancy and ambient light sensor integration allows full lighting network customization under a variety of situations.

With programmable schedules and easy setup, SimplySNAP is the perfect solution for lighting control;
you just configure it and it runs.



Key Benefits:

- No Internet required
 - site based control
- Mobile application based commissioning and control
- Control individual fixtures, as well as groups of fixtures based on automated schedules or sensor events
- Secure connection to Site Controller via Wi-Fi and/or LAN
- Automatic software upgrades via encrypted over-the-air communications
- Graphing of power consumption and voltage
- Multiple Zones, Behaviors, and Events
- Data and events stored on local Site Controller
- Wirelessly upgradeable or via USB flash drive
- Upgradable to all future SimplySNAP releases

6723 Odyssey Drive // Huntsville, AL 35806
(877) 982-7888 // synapsewireless.com



Lighting Controllers:

| Part Number | Description |
|--------------|--|
| DIM10-100-00 | 120-277VAC, 2 Amp Relay, Enclosed, Terminal Blocks, Dimming Outputs |
| DIM10-250-11 | 120-277VAC, 5 Amp Relay, Enclosed, Terminal Blocks, Dimming Outputs, Sensor Input, Sensor Power Supply |
| TL5-B1 | 120-277VAC, 5 Amp Relay, IP66 Enclosed, Power Monitoring, Integrated Photocell, NEMA Twist Lock |
| TL7-B1 | 120-277VAC, 5 Amp Relay, IP66 Enclosed, Power Monitoring, Integrated Photocell, External Sensor Input, NEMA Twist Lock |

Board-Level Lighting Controllers

| Part Number | Description |
|--------------|---|
| DIM10-087-00 | 5 - 24VDC Powered, Board Only, Dimming Outputs Only |
| DIM10-281-21 | 120-277VAC, 5 Amp Relay, Board Only, Flying Leads, Dimming Outputs, 2 Sensor Inputs, Sensor Power Supply |
| DIM10-283-21 | 120-277VAC, 5 Amp Relay, Board Only, Flying Leads, Dimming Outputs, 2 Sensor Inputs, Sensor Power Supply, Adaptable to 480V control with external step-down transformer |

SimplySNAP Site Controller Options:

| Part Number | Description |
|-------------|--|
| SS420-002 | Wi-Fi enabled, metal enclosure with wall mount bracket |
| SS450-001 | Wi-Fi enabled, Verizon Cellular, metal enclosure with wall bracket (coming soon) |
| SSRA-001 | SimplySNAP Remote Access service (Optional) |

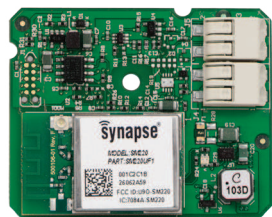
Accessory Interface Module

| Part Number | Description |
|-------------|---|
| AIM121 | 120-277VAC, Enclosed, Terminal Blocks, 2 Sensor Inputs, Sensor Power Supply, Low-Voltage Output |

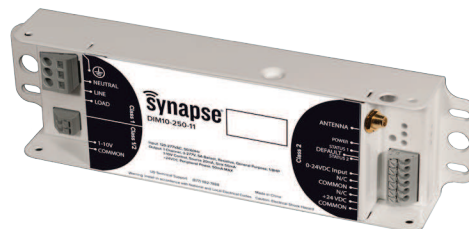


SS420 Site Controller

DIM10-087-00



DIM10-250-11



TL5-B1