

## • Description

Imagine having the power to remotely monitor, control, schedule and optimize your plug-in electronic devices. See how your devices are performing, protect them from brown-out conditions, have them respond automatically to higher electric rates (Demand Response), and even control them from your smart phone or tablet from anywhere in the world. That is the power of the SkyCentrics™ Wi-Fi SkyPlug 100.

With the SkyCentrics™ solution, you no longer need to build infrastructure or create physical network connections to monitor and control your building systems and equipment. Our wireless solution speeds installation, utilizes your existing Wi-Fi infrastructure and uses a proven platform of devices and cloud services to manage your plug loads.

## • SkyCentrics™ Eco-System

SkyCentrics™ enables a family of products that seamlessly integrate to provide a secure and easily scalable solution to monitor and control devices in one or more buildings and distributed locations. Within the SkyCentrics™ solution, one-touch settings allow you to prepare buildings for occupancy with a single click. There are a variety of alerts and alarms supported through the SkyCentrics™ Enterprise Portal (EP).

## • Appliance Protection

Brown out, over/under voltage and over current protection features interrupt power to the appliance with policy-based reconnect should a power condition arise. Scheduling allows the appliance to be turned on or off on a 7-day repeating schedule remotely updatable.

## • API for integration

Device data and control is available for integration into other dashboards, mobile apps or applications via the SkyCentrics™ open REST API. The SkyPlug™ 100 transmits consumption and power information every 5 seconds. All data is transferred and stored securely.

## • Features

- Standard socket, single-phase 110v 15 amp
- Remote control via Internet, local control via Wi-Fi
- Supports 7 day, 7 slot per day schedule
- 802.11 Wi-Fi – NO GATEWAY required
- Condition-based alert notifications
- 5 second sub-metering data resolution
- Sub-metering measures: voltage, current, line frequency, active power, power factor, with ½%-2% accuracy available
- Easy web browser based provisioning to attach to local network
- Supports encryption: open, WEP, WPA/2
- Over the Internet (OTI) firmware updates to add features
- Cloud-based data aggregation
- Cloud-based time synchronization
- Supports an open REST API for system integration
- LED indicators signal ready, active & fault conditions
- Appliance voltage and current protection features
- Demand Response capable for reducing utility rates
- OpenADR (Automated Demand Response) capable
- Manual button for on/off control or OpenADR bypass



## • Native iPhone® and Android® App available

