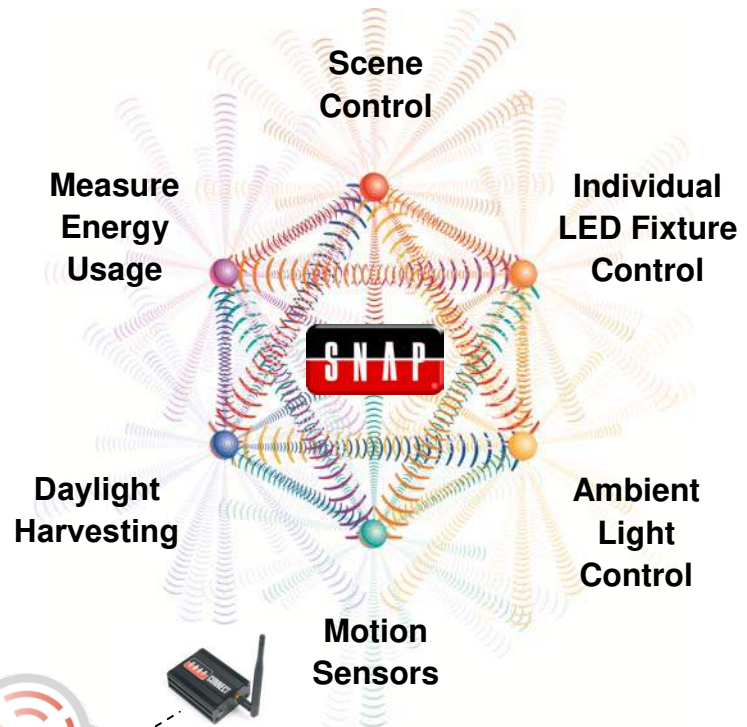# Synapse Wireless Lighting Control Products

Enables Future Lighting Solutions' Intelligent Lighting Platform

Deploy & remotely manage LED lighting locally or over the Internet

SNAP Intelligent Lighting Products can be easily integrated into new or existing lighting systems using standard interfaces like 0-10V, DMX, DALI, RDM and TCP/IP. No predetermined routing or complex network programming is needed. It simply works.

SNAP Intelligent Lighting products are reliably networked using the SNAP network operating system. In addition to providing off-the-shelf wireless control and monitoring functionality, Synapse can also provide customized services when special engineering requirements or regulations call for unique features.

Scene Control

Measure Energy Usage

Individual LED Fixture Control

SNAP®

Daylight Harvesting

Ambient Light Control

Motion Sensors

SNAP® Lighting Cloud Service™

SNAP Intelligent Lighting Products

- Based on the Synapse SNAP Network OS
- Internet-enabled for mobile or desktop access
- Easy to integrate into new or existing designs
- Remotely control individual or groups of lights
- Color tuning and brightness control – On/Off
- Measure and monitor heat, current, voltage
- Automated adjustment to ambient light
- Motion controlled or timed dimming
- Zone control and failure detection

FUTURE Lighting Solutions
Making LED Lighting Solutions Simple™

SNAP Intelligent Lighting Products

Part Number		Description
LP400-001		**SNAP Cloud Appliance** to create a transparent gateway between any SNAP network and Internet (includes 1st year of SNAP Lighting Cloud Service LP480-001)
LP480-001		**SNAP Lighting Cloud Service** to remotely control or monitor luminaries via the Internet (2nd year and onward for annual service license – updates included)
LPSET-001		**Setup Service for customer's web site** required for initial setup of SNAP Lighting Cloud Service
LP410-001		**SNAP Cloud Companion** to create a transparent gateway between any SNAP network and the Internet
LP310-001		**SNAP Location-Aware Badge** for 'walk-around' commissioning of lighting devices such as fixtures, switches, sensors, etc. and to make group / scene assignments
LP001-001 LP002-001		**SNAP DIM-10** for dimming and full on/off for 1-10 fixtures – 240V **SNAP DIM-10** for dimming and full on/off for 1-10 fixtures – 277V
LP500-001 LP510-001 LP511-001		**SNAP DMX** replaces cables between controller and lights-96 channels **SNAP DMXpro** (FCC/IC) wireless connection for lights-512 channel, RDM **SNAP DMXpro** (CE) wireless connection for lights-512 channel, RDM
LP301-001		**SNAP Switch** for wireless lighting control via wall mounted switch
LP201-002		**SNAP LightSense** for wireless occupancy sensor supports daylight harvesting using digital ambient light monitoring
LPEK1000		**Intelligent Lighting Kit** for test sites and demos to dim and control lights using PWM or 0-10V dimmable LED drivers