



# SNAP LightSense

## Indoor Motion & Light Sensor



**SNAP® LightSense (LP201-002)** is for the wireless detection of changes to ambient lighting and for occupancy detection. SNAP LightSense is part of Synapse's SNAP Lighting Cloud Service, an Internet-enabled, wireless remote control and monitoring service for secure indoor or outdoor lighting applications.

SNAP LightSense is small, economical, easy to install and provides fast payback by minimizing energy consumption through automatic shutoff of lights in unoccupied areas of a building. This is especially useful when scheduling alone cannot provide complete, intelligent coverage of an area, such as individual controls needed for perimeter offices in a large central cubical layout.

In addition to conserving energy, SNAP LightSense helps reduce light pollution by only lighting outdoor areas when needed. SNAP LightSense provides added security by sending alerts when someone is in an area. SNAP LightSense comes with a light sensor to allow for consistent and comfortable light even with constant but subtle changes to ambient light. While such energy harvesting helps reduce lighting costs, a bigger payback comes with increased productivity from a more visually comfortable work environment.

### SNAP LightSense Features

- Small, compact form is easy to hide
- Remote control On/Off and dimming
- Extend the life of the lights
- Daylight Harvesting
- Security Detection
- RoHS Compliant
- FCC Certified

For more information call or visit:

(877) 982-7888 // [synapse-wireless.com](http://synapse-wireless.com)

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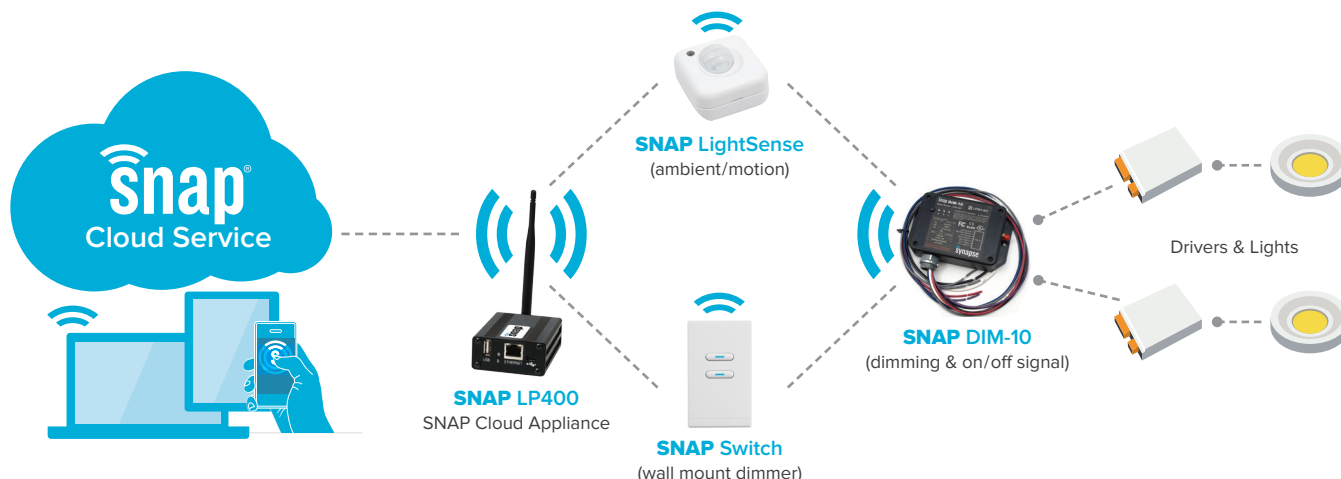


# SNAP LightSense

**SNAP LightSense** has a passive infrared sensor that detects movements within a defined area by sensing the infrared energy emitted from a body as it moves through the sensor's field of view. The light sensor on the device detects the presence and level of ambient light in the environment and can be effectively used for daylight harvesting techniques.



## SNAP Cloud Lighting Service



### SNAP LightSense Advantages:

- Light Sensing
- Economical
- Passive Infrared Motion Detection
- No wired network
- Unlimited control points
- Easy to install
- Perfect for renovation and new projects
- Battery Operated
- Supervised Battery Voltage
- Secured transmission
- No embedded programming
- Sleep mode
- Unlimited deployment

### SNAP LightSense Specifications:

- PIR Range: Approximately 12 meters (39')
- Operating Temp: 0° C – 100° C
- Size: 4.76 cm x 4.76 cm x 2.86 cm
- Enclosure: ABS Plastic
- Power: 3.0V CR2 Lithium Battery
- SNAP Mesh Network
- Standard IEEE 802.15.4 – 2.4 GHz / AES 128
- Compliance RoHS (2002/95/CE)
- Certifications: FCC Part 15, Class B
- Warranty 3 Years

### Installation is quick and easy!

Simply insert the battery and mount in a location that will most likely detect a person walking into the area where detection of movement will trigger an action, such as turning on a light. No commissioning is needed during installation, thus regular work crews can install or retrofit a building without requiring any special expertise or training. Since SNAP LightSense operates using a "sleep mode," batteries last for years before needing replacement.



SNAP LightSense is based on the award-winning Synapse SNAP network operating system. Since SNAP is a true, peer-to-peer mesh network, there is no single point of failure in the lighting system. All SNAP lighting products create a completely wireless system — no control wires need to be installed. This makes your SNAP Lighting Cloud Service a completely scalable system, ideal for new construction as well as renovation or additions. SNAP also uses network encryption to protect your lighting network.