



Wireless Sensor



Specification Data	
Job Name	
Type	
Catalog #	
Comments	

Product Overview

The **Wireless Sensor** is a stand-alone sensor for outdoor or indoor applications that includes both motion and photocell capabilities. The sensor measures occupancy and/or light levels in an area and then sends those measurements to the SimplySNAP site controller where action is taken to turn lights on/off or to adjust the dimming level.

As part of the lighting control system, a single sensor can be used to direct the behavior of an entire group of lights in the same zone.

Key Features

- DALI-2 Sensor provides footcandle readings and the PIR timeout and sensitivity can be configured remotely from the SimplySNAP software interface
- Wireless sensor can be configured as a photocell, motion sensor, or both
- Includes configurable mounting kit options for easy installation on a wall, ceiling, pole, or truss
- IP66 rated for use in both indoor and outdoor applications
- Enables open loop Daylight Harvesting



To learn more, call or visit:
synapsewireless.com
 (877) 982-7888

Wireless photocell and motion sensor

Product #	Description
WSN-DPM	Wireless photocell/motion sensor

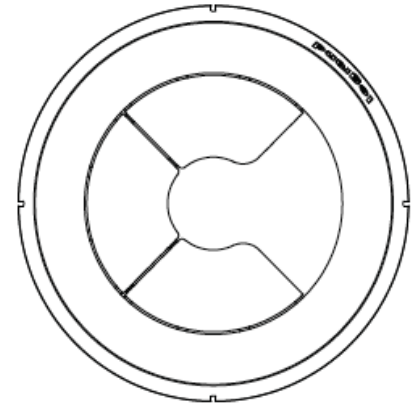
Dimensions	5.32" L x 5.74" W x 4.32" H (135mm x 146mm x 110mm)
Input Power	120-277VAC-50/60Hz, 10mA
Operating Environment	-40°C to +70°C ; 0% to 95% RH, non-condensing, IP66
Gasket	Silicone gasket provides liquid tight seal
Surge Rating	6kV
Motion Sensor	PIR, up to 40 ft. height
Photocell Sensor	Range of 0-1000 fc
Radio	SNAP 2.4GHz ; 802.15.4 +20 dBm Transmit Power -103 dBm Receive Sensitivity
Wire Size	18 AWG, 6' Wires, UL 1316 rated, 600V rated
Certifications	RoHS, cULus, FCC
Warranty*	5 Years

*See www.synapsewireless.com/warranty for warranty terms

Wireless Sensor

Masking the Lens

The optional lens mask provides the ability to limit coverage areas for example, in hallways or multi-use environments. The mask has three 90° sections. One or two of the sections can be removed, to provide different coverage patterns. Snap the mask onto the lens and rotate to the desired position.



Lens Coverage

The WSN-DPM has a lens that covers a 100' diameter area at a height of 40'.

