SNV-CS-10

PIR SENSOR + 0-10V DIM TO OFF
WIRELESS LIGHTING CONTROLLER

Specification	Data
Job Name	
Type	
Catalog #	
Comments	

Product #	Description
SNV-CS-10-W35J	Sensor Controller, White, 3.5mm Audio
SNV-CS-10-B35J	Sensor Controller, Black, 3.5mm Audio
SNV-CS-10-W3P	Sensor Controller, White, Pogo Pins
SNV-CS-10-B3P	Sensor Controller, Black, Pogo Pins
SNV-CS-10-W3W	Sensor Controller, White, Wires
SNV-CS-10-B3W	Sensor Controller, Black, Wires

PRODUCT OVERVIEW

The SNV-CS-10 Combo Sensor is an intelligent wireless lighting controller that simplifies the integration of advanced controls into LED luminaires. Built on the SimplySnap platform, it combines wireless control, occupancy sensing, and a photocell into a single compact device. The SNV-CS-10 is available with multiple connector options and housing colors, making it easy to integrate into a wide range of luminaires without fixture redesign.

By integrating sensors and controls into one controller, the SNV-CS-10 reduces wiring, installation time, and system cost—making it ideal for indoor applications such as warehouses and industrial spaces.

When paired with a SimplySnap Site Controller, the SNV-CS-10 enables scalable, code-compliant lighting control that meets ASHRAE 90.1, Title 24, and DLC NLC requirements today, while providing a flexible platform for future energy and control needs.

KEY FEATURES:

- Native SimplySnap Integration
- Integrated PIR Occupancy Sensing
- Integrated Photocell
- Multiple Connector Options
- White or Black Housing Options
- DLC Listed
- Self-healing 2.4GHz SNAP Mesh Networking
- Requires DIM-to-OFF LED Driver

SPECIFICATIONS:

Dimensions	1.9” D x 1.5” H (48mm D x 39mm H)
Thread Dimensions	0.79” D x 0.3” H , M20 Thread (20mm D x 7.5mm H)
Input Power	12-24 VDC +/- 10%, 1200mW (max)
Operating Environment	0°C to +45°C 10% to 95% RH, non-condensing
Enclosure Rating	IP65
Dimming	0-10V (20mA Sink max)
Motion Sensor	PIR, up to 40 ft. height (12m)
Radio	SNAP 2.4GHz ; 802.15.4 +20 dBm Transmit Power -105 dBm Receive Sensitivity
Certifications	FCC, IC, cULus, DLC, RoHS
Warranty	5 Years Warranty Terms

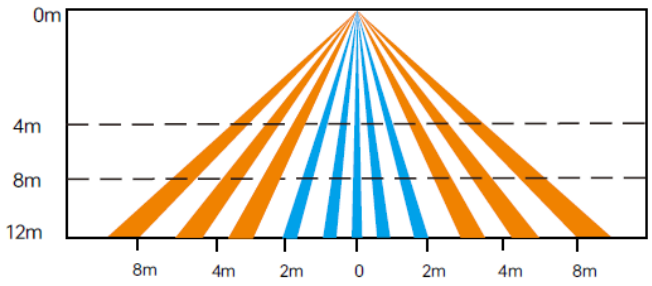
LIGHTING CONTROLLER + SENSOR

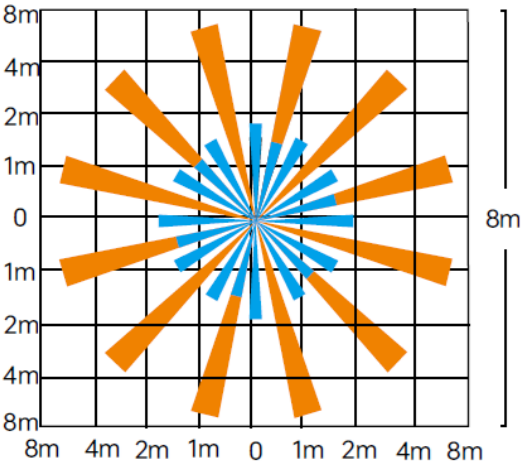
To learn more visit: synapsewireless.com

STATUS LEDS

STATUS LED	STATUS
Red	Motion Detected
Green	On for 5 seconds for boot up

LENS COVERAGE





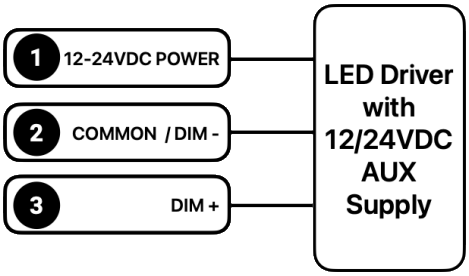
The detection area for movement sensor can be roughly divided into two parts:

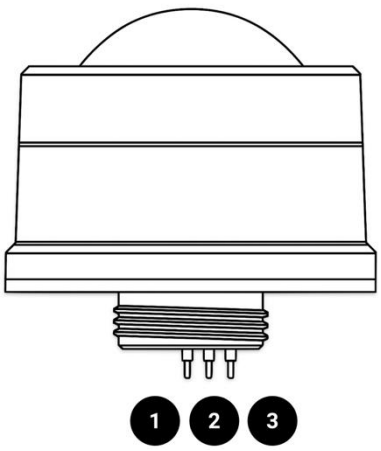
Slow movement (person moving < 1.0'/s or 0.3m/s)

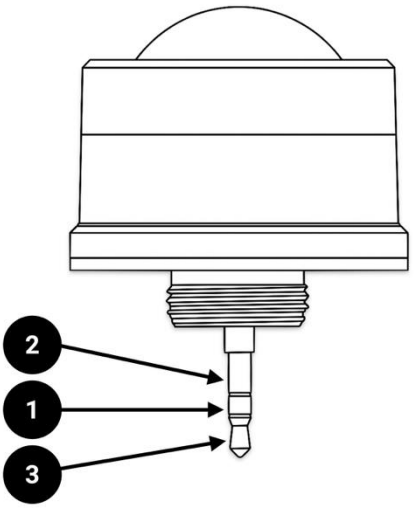
Quick movement (person moving > 1.3'/s or 0.4m/s)

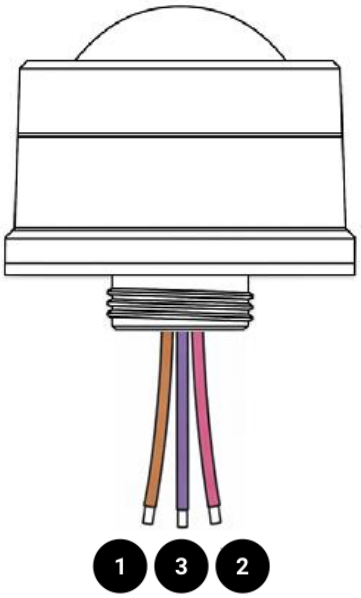
LIGHTING CONTROLLER + SENSOR

WIRING DIAGRAMS









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