

Specification Data	
Job Name	
Type	
Catalog #	
Comments	

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 and outdoor applications.

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. The SNV-CS-10 supports Dawn to Dusk persistence when communications are lost with the Site Controller (DLC LLLC).

KEY FEATURES:

- Native SimplySnap Integration
- Integrated PIR Occupancy Sensing
- Integrated Photocell enables dusk-to-dawn operation
- Multiple Connector Options
- White or Black Housing Options
- DLC Certification for both Indoor and Outdoor
- Dusk to Dawn Persistence via Occupancy Sensor and Photocell while the Site Controller is offline
- Self-healing 2.4GHz SNAP Mesh Networking
- Requires DIM-to-OFF LED Driver



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, 3-Wires
SNV-CS-10-B3W	Sensor Controller, Black, 3-Wires
SNV-CS-10-WZ10	Sensor Controller, White, Z10
SNV-CS-10-BZ10	Sensor Controller, Black, Z10

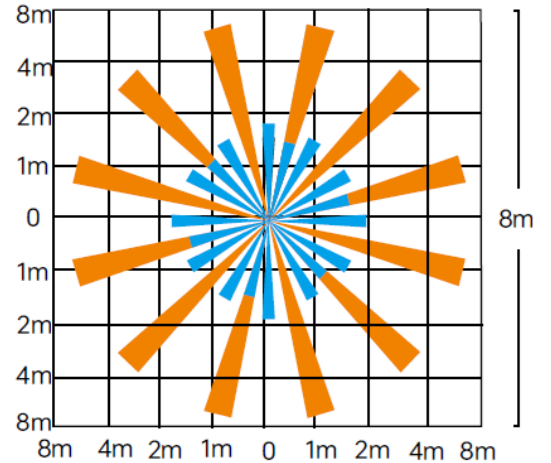
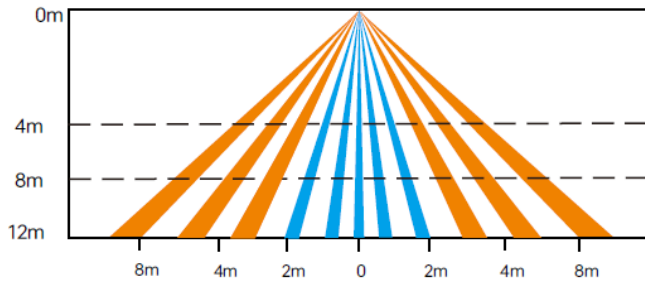
SPECIFICATIONS:

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	-20°C to +50°C 10% to 95% RH, non-condensing
Enclosure Rating	IP65
Dimming	0-10V (20mA Sink max)
Wire Size	20 AWG, 13.5" Wires, UL 1015 rated, 600V rated (-x3W only)
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

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 <math>< 1.0/s</math> or $0.3m/s$)
- Quick movement (person moving > $13/s$ or $0.4m/s$)

WIRING DIAGRAMS

