

GridNavigator

GN Sensor

Model GN-SN-001

Project Information	
Project Name	
Date	



GridNavigator's GN Sensor is an integrated battery-operated, dual-function wireless light and motion smart sensor. It is designed for simple installation and an unobtrusive appearance.

When integrated with GridNavigator's intelligent wireless EMS, the GN sensor ensures maximum energy savings without disturbing occupant comfort.

Key Features

Feature	Benefit
Simple Installation	<ul style="list-style-type: none">• Powered by 2 AAA 1.5-volt batteries• No special wiring or tools required
Light Sensor	<ul style="list-style-type: none">• Reduces energy costs by dimming or switching lights for use only when they are required
Infrared Motion Sensor	<ul style="list-style-type: none">• Detects when someone is in a room and leaves lights on• Turns on lights when someone enters a darkened room• Provides an automatic level of security
Wireless communication	<ul style="list-style-type: none">• No special wiring or cabling required• Reports on light levels and frequency of occupancy for more accurate programming of HVAC control• Simple plug-and-play integration with the GridNavigator control system
Broad coverage area	<ul style="list-style-type: none">• Ambient light sensor range of 1 to 600 foot candles• Fewer sensors are needed for complete coverage
Architecturally pleasing design	<ul style="list-style-type: none">• Fits with any room décor without calling attention to itself• Makes room placement simpler

Specifications

General	
Power	2 AAA 1.5-volt batteries
Operating Temperature	-40° to + 65° C
Storage Conditions	-40° to + 90° C
Ambient Light Environment Coverage Area Mounting Height Lens	~90° Cone @ 9 ft. ~250 sq. ft. 7 to 18 ft. Diffuse light pipe
Occupancy Environment Coverage Area Mounting Height Lens	~120° Cone @ 9 ft. ~750 sq. ft. 7 to 18 ft. IR prismatic
Housing	ABS plastic
Dimensions	110 mm diam. X 50 mm deep
Weight	100g (3.5 oz.) without batteries 150g (5.3 oz.) with batteries installed

Ordering Information

Model #: GN-SN-001

Compatible Accessories

Name	Model #
GN Bridge	GN-BR-001
GN Dimmer	GN-DM-001
GN Switch	GN-SW-001
GN T-Stat	GN-TS-001
GN Radar	GN-RD-001
GN Smart-Server	GN-SS-001

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