



# WIDE-RANGE CEILING-MOUNT MOTION SENSOR

VSC1301

The Wide-Range Ceiling-Mount Motion Sensor is a battery-powered, passive infrared motion sensor that can be used to detect occupancy and/or vacancy, and turn on, turn off or dim lights based on preferences input into the Audacity system. The VSC1301 requires no wiring and has a 25-year battery life.

## HOW IT WORKS

The Audacity Ceiling-Mount Motion Sensors detect movement via sensitive infrared technology and then relay commands – based on intervals of absence or activity – to system-enabled fixtures. Operating in the highly reliable 915 MHz spectrum, the Ceiling-Mount versions of the Audacity Motion Sensors require no wiring and can be placed virtually anywhere a motion sensor is desired, for convenience or coverage.

## PEOPLE MOVE - LIGHT SHOULD TOO

Your inputs to the Audacity Interface inform the system that determines which groups of light fixtures – equipped with Audacity Luminaire Controllers – can turn off/on, dim or brighten based on employee migration throughout the day. Compared to the VSC1300, the VSC1301 has a coverage area of approximately 1500 square feet.

The Audacity Wireless Controls system can be used to provide compliance with ASHRAE 90.1-2016 and CA Title 24 requirements.

## AUDACY BY IDEAL®: CUTTING COSTS. CUTTING EDGE.

IDEAL has been a leading manufacturer of quality electrical products for over one hundred years. Crafted at the intersection of simple and innovative, our new Audacity Wireless Controls system.

**AUDACY**  
WIRELESS LIGHTING CONTROL  
YOUR WORLD IN A BETTER LIGHT

[AUDACYWIRELESS.COM](http://AUDACYWIRELESS.COM)

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VSC1301

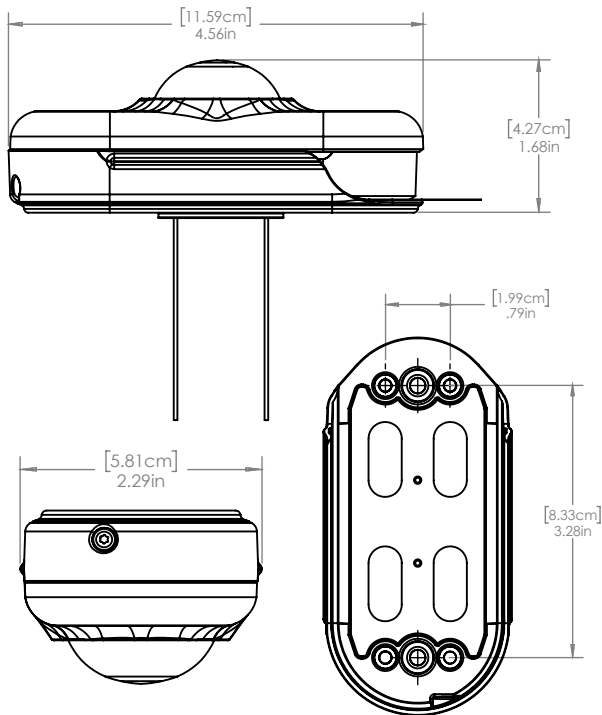


On the DesignLights Consortium™ Qualified Products List

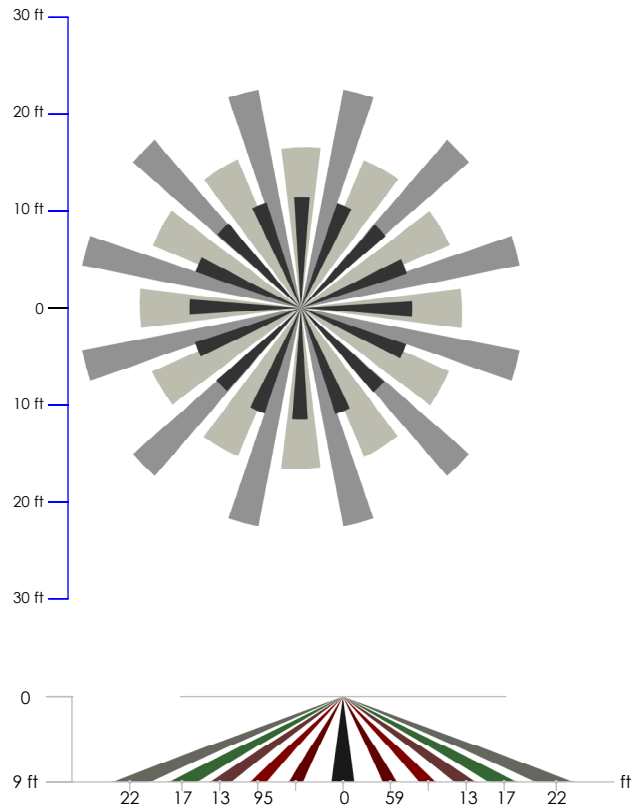
## SPECIFICATIONS

ITEM	DESCRIPTION
Radio Frequency Range	902–928 MHz, Dual Channel, Internal Antenna
Wireless Protocol	Proprietary based on IEEE 802.15.4
Encryption	Proprietary based on AES encryption
Regulatory Approvals	FCC Part 15 and Industry Canada FCC ID: 2AAMXVSC1301 IC: 11250A-VSC1301
Transmit Power	2 dBm short duration, utilizing direct sequence spread spectrum
Transmit Range	100 ft. (30m) indoors to an Audacy Gateway or Luminaire Controller in a typical commercial building; extended range when repeater mode enabled
Coverage Area	1500 sq ft. (140m <sup>2</sup> )
Power	25+ year battery, non-replaceable
Operating Temperature	50°F to 104°F (10°C to 40°C)* *Battery life may be reduced if operated at higher temperatures
Sensor Technology	Passive Infrared
Installation Environment	Indoor use only
Mounting	2 bracket mounting holes (See mechanical drawing for dimensions)
Color	White
Dimensions	4.56" x 2.29" x 0.95" (115.82mm x 58.17mm x 24.13mm)
Weight	3.0 oz (85g)
Warranty	5 year
Catalog Number	59-VSC1301
Description	Audacy® Wide-Range Ceiling-Mount Motion Sensor

## MECHANICAL DIMENSIONS (IN & CM)



## COVERAGE PATTERN (FT)



CONTACT US TODAY FOR A CONSULTATION

1.800.273.9989

CONTACTUS@AUDACYWIRELESS.COM

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