Wireless Sensors

ZigBee Pro Wall Motion Sensor
SED-WMS-P

The wireless wall-mounted motion sensor is an accessory for the SE8000 Series Room Controllers. Detecting motion in a room, it is ideal for use in hotels, schools, dormitories, military barracks and other similar facilities.

![Schneider Electric]

Wall Motion Sensor Features

A sleek, compact, and easy to install wireless sensor that provides motion and occupancy information to enable Room Controllers to further optimize management of HVAC and other systems.

Introduction

The SED-WMS-P wall-mounted motion sensor communicates wirelessly with SE8000 Series Room Controllers, reporting occupant motion from anywhere within its viewing range. Using this additional information, the SE8000s advanced occupancy management control sequences regulate HVAC equipment and other connected systems to maximize energy savings without compromising comfort.

In hotels and other hospitality facilities, the motion sensor enables the automated set-back or stand-by of HVAC equipment and other systems to reduce unnecessary energy consumption.

Use and compatibility

The SED-WMS-P is compatible with all SE8000 Series Room Controllers equipped with a VCM8000V5045P ZigBee Pro® communication module.

Installation

The sensor requires no communication or power wiring. Communication is wireless using ZigBee Pro. Power is provided by batteries included in the product's box. Not having to pass or connect cabling makes installation fast and easy, reducing the labor costs on deployment.
- Battery life up to 5 years
- Battery status is communicated to the SE8000

Communication
- ZigBee Pro to compatible SE8000 Room Controllers

Integration

The motion status and battery status can be accessed through the display of SE8000 Room Controllers. They are also visible in SmartStruxure™ solution (StruxureWare™ Building Operation) when the SE8000 is integrated via BACnet® MS/TP or in SmartStruxure Lite solution (StruxureWare Building Expert) when the SE8000 is integrated via ZigBee Pro. It is not recommended to use ZigBee networking between MPMs for an installation where ZigBee sensors will be used. The ZigBee sensors will not function unless bound to the ZigBee network coordinator directly.

AT A GLANCE

- Compact size
- Three color LED event indication
- Long battery life (up to 5 years)
- Easy battery replacement
- ZigBee Pro wireless low power communication
- Easy pairing with SE8000
- Reports on : Occupied / Unoccupied /Stand-By modes within its viewing range

Wall Motion Sensor Features

Specifications

Dimensions	65mm W x 29mm H x 25mm D (2.56in W x 1.14in H x 0.99in DS)
Color	White
Weight	30g (1.06oz) with battery
Communication	ZigBee, HA1.2 Compatible
Communication Range	Up to 40ft (12m) open field 300ft (100m)
Detection Range	Maximum: 90 deg cone, 16.5ft (5m)
	Recommended: 47 deg, 16ft (5m)
Battery Voltage	3.0VDC Lithium
Battery Cell	CR2 (recommended Panasonic CR15H270)
Battery Life	Up to 5 years
Ambient Temperature	-10ºC to +50ºC (+14ºF to +122ºF)

Certification

Check with your local government for instruction on disposal of these products.

Dimensions

29mm (1.14")

65mm (2.56")

25mm (0.99")

Ordering Information

Part numbers

SED-WMS-P-5045	ZigBee Pro ceiling-mounted motion sensor
	Not compatible with SE8000 Room Controllers purchased before November 2014.
	Contact Sales Representative for further details.