

Overview

The wireless Zigbee motion sensor and door switch provide the property managers the ability to save on energy in empty rooms. Used as an add-on to existing WiSuite energy management system, WiSaver WR components extend savings to deeper levels of setback than competitive systems. WiSuite Zigbee door switches provide start and stop triggers to motion sensors or HVAC and other devices when doors have been left open.

Product Highlights

Flexible Mounting Options

Motion and door switch assemblies come with 2 sided tape or can be screw fastened to doors ceilings and walls.

Long-lasting Reliability

WiSaver WR components operate on 3.6V lithium batteries which typically last 14 months

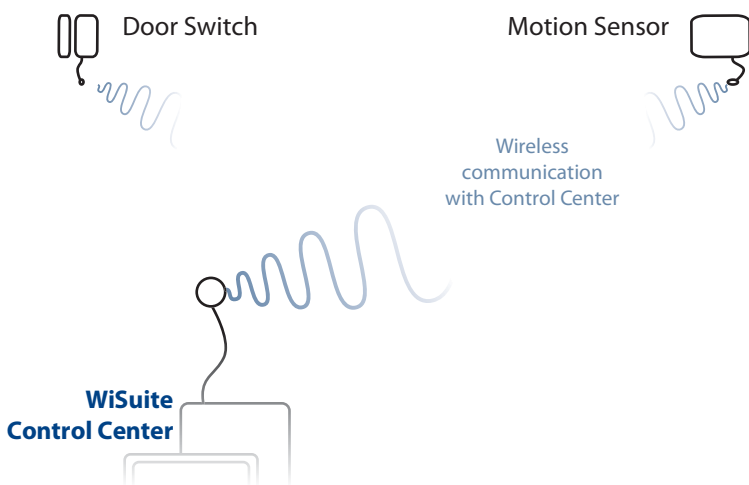
Connection Options

WiSaver components operate as Zigbee "sleepy" end nodes and use the Zigbee mesh to talk to the WiSuite server.

Sensing Operation

Both the Motion and door switch can be configured to operate as secondary temperature sensors for multi-zoned applications.

Common Configurations



WiSaver components talk to the WiSuite control server reporting motion, temperature and door events.



Product Specifications

Control Voltage	3.6VDC Lithium Battery
Battery Life	14 Months Typical
Wireless Protocol	2.4 Ghz Zigbee
Dimensions	Motion = 4cm X 4cm Door Sw = 1,5cm X 4.5cm

Applications

Motion and door switches are used together to determine the presence of a person in the zone a thermostat operates in. A door switch can also be used to determine if a door has been left open and a air conditioner should be shut off after a predetermined interval like 45 seconds. Our motion sensors can also be used as temperature sensors in rooms where no thermostats exist.