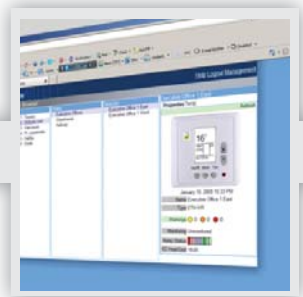


WiSuite™



2009 Product Guide



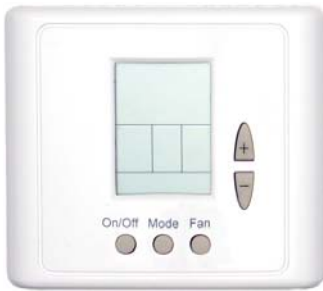
WiStat Digital Thermostats

WiStat WR



The WiStat WR is a fully wireless ZigBee thermostat, and can be powered by batteries for up to 14 months, or using 24VAC. It works with the WiPoint WR and/or WiPoint Mini for wireless control of a variety of HVAC applications. The WiStat WR makes retrofits easy with no wiring required, and can be placed anywhere. The WiSuite Control Center will alert you when a WiStat WR's battery needs to be replaced.

WiStat 5



The WiStat 5 is a communicating wired thermostat, ideal for new installs, or retrofits where five to seven wires are already in place. It is connected to HVAC units like a standard wired thermostat, and is paired with a WiPoint 485 on the wall for ZigBee wireless communication with the Control Center, or additional WiPoint controlled appliances.

WiStat Features

- Supports PTAC, fan coils, heat pumps, and more.
- Auto fan, Auto changeover
- 1, 2, and 3 speed fan control
- Auto compressor short cycle protection
- Average sensing capability
- Safety and User limits
- Single and dual stage heat/cool
- Celsius and Fahrenheit display
- North American and EU mounting holes
- Two pieces with quick connector. Back plate can be wired and electronics added later.

WiSuite Options



Door Lock

WiSuite can communicate with some electronic door lock systems, eliminating the need for additional door sensors, and allowing more intelligent control. Call us or visit WiSuite.com for compatibility questions.



WiSaver Lighting

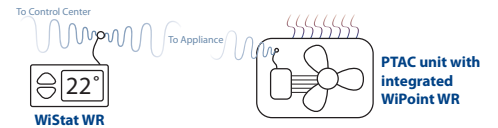
WiSaver Zigbee Lighting provides control of interior lights switched from the Control Center on check in, timed events or motion detection

WiPoint Wireless Controllers



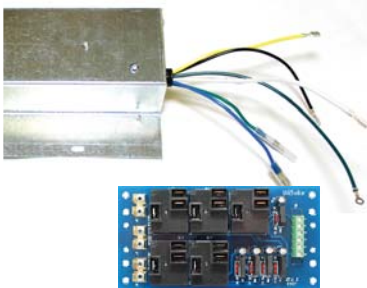
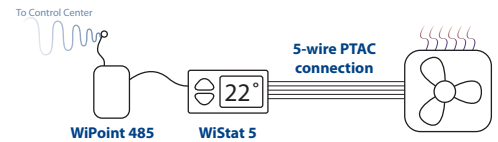
WiPoint WR

The WiPoint WR is a ZigBee wireless node with up to eight low-voltage relays for appliance control. It is designed to work in conjunction with WiStat WR to control a variety of HVAC applications.



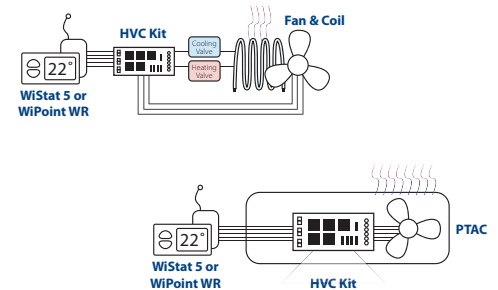
WiPoint 485

The WiPoint 485 is a ZigBee wireless node with serial communication. It is placed alongside the WiStat 5, providing wireless communication to the WiSuite Control Center.



High Voltage Conversion Kit

The High Voltage Conversion Kit is used to upgrade HVAC equipment lacking relay control or an available OEM conversion option. The HVC Kit is used in conjunction with a WiPoint WR or WiStat 5, allowing them to control up to five high-voltage relays.



Appliance Control



WiPointMini

A Zigbee wireless node with a single high-voltage relay for controlling simple appliances such as baseboard heaters, commonly used for second stage heating.

Available in 120VAC or 240VAC

Motion Sensor Options



WiSaver WR Set

The WiSaver WR set includes a ZigBee wireless passive infrared occupancy sensor in a low profile ceiling mount and a Zigbee wireless door switch, configuration.

WiSuite Control Center

The WiSuite Control Center is the heart of the WiSuite system. The power of ZigBee wireless lets the Control Center monitor and control your entire building without any backhaul wiring. The Control Center offers a robust, yet simple user interface with access to device status, history, and a real-time troubleshooting system, securely accessible from any web browser.

- Web-based interface
- Secure remote access
- Real-time link to reservations system
- Multi-building control
- Multi-user access and security levels
- Real-time control and status of any device
- Building, Zone, Room, and Device level control
- 12 month custom temperature schedule
- Hidden, customizable thermostat safety and user limits, including device lockout
- Timed events by minutes, hour, day, week, or year
- Maintenance alerts by email, text message, or pager
- Complete device, room and zone history
- Keep-ready room quotas



Software Options

Property Management Interface

One of the secrets of WiSuite's success in saving energy is its patented ability to interface the WiSuite Control Center to the property management system. This interface is not limited to hospitality but also to card readers, lock systems and security systems to signal room occupancy. This then signals WiSuite to turn on and off energy consuming devices when required on a "check-in, check-out" basis making the room comfortable when your guest arrives.

Hosted Services

Many sites? A low number of thermostats or other devices per site? Perhaps you need a secure, generator backed up always on service. Hosting may also be a way for you to operationalize your green energy savings efforts. WiSuite offers just such a service. Monitoring and reporting is also included in this service.

Demand Side Management Interface

The WiSuite Control Center has the ability to respond to signalling from your energy utility. This allows your organization to respond to various Demand Side Management programs sponsored by your local or state/provincial utility. These can be time of day based, and/or target based.

Load Shedding

The WiSuite Control Center implemented properly will already reduce your KW load because only devices in occupied areas are targeting occupied temperatures. WiSuite supports optionally automated load sensing plans to avoid common turn-up times thus reducing accumulated turn up loads and spikes at shift changes, timed events and after power failures.

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