



EcoInsight+

Intelligent Thermostat Room Automation Controller

The EcoInsight+ is an intelligent thermostat that serves as the room automation controller within the EcoSmart energy management system to save energy and maximize guest comfort.

Intelligent Automation

The EcoInsight+ is the next-generation intelligent thermostat & room automation controller within the EcoSmart energy management platform. This Zigbee HA (Home Automation) compliant device simplifies 3rd party integration by serving as a ZigBee-enabled router; communicating wirelessly with the other EcoSmart devices in the network. Additionally, the EcoInsight+ provides all expected functionality from a networked energy management thermostat such as advanced occupancy, light & humidity sensing for enhanced HVAC optimization.

Extreme Compatibility

Designed with flexibility in mind, the EcoInsight+ is highly compatible across systems. It has over 125 field-configurable settings to control HVAC efficiency & is proven to be compatible with most HVAC systems, such as: packaged terminal air conditioners, fan coils, heat pumps, split systems, and more. Setup is simple and fast with its software-based relay control and fan speed configuration. The UL listing & the various power input options make the EcoInsight+ a versatile HVAC controller for most integrated systems.

Beyond Temperature Control

With the EcoInsight you get more than just a thermostat, you get a networked edge processor with a generous number of input & output options. Up to three Current Transformer (CT) inputs can be used to measure and log current. Two external temperature inputs can be used to monitor remote temperature, two dry contact pairs are available for door contacts or integration with third party building controls & finally 2 variable outputs are included for control of lighting, fans or valves, making the EcoInsight+ a fit for the basic to the most complicated installations.

What's New with EcoInsight+

- UL cUL & CE Certified
- ZigBee HA Compliant
- Expanded memory for added integrations
- Wire harness with standard connector for quicker installation
- Redesigned backplate for more mounting options
- Improved PIR for more accurate occupancy detection

Key Features

- Compatible across most HVAC systems
- Contains built-in occupancy sensor calibrated to extreme sensitivity
- Zigbee compatible
- Proprietary Recovery Time Technology
- Networked or stand-alone operations
- Full remote control capability with any web browser via our EcoCentral web application
- ZigBee enabled router within the EcoSmart platform
- 2 configurable soft-buttons

I/O Connections

- NTC Temperature Probe: 2 Inputs
- Current Transformer Input: 2 Inputs
- Dry Contact Input: 4 Inputs
- Analog Control Output: 2 Outputs, 0-10V, 4-20mA