MARKETING LITERATURE

AIDA SMART THERMOSTAT

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ML055.R02



DESCRIPTION

The economical yet stylish Aida functions as a controller and user interface in one device. The button set is customizable to enable additional features such as DND and MUR.

It is hard-wired to the HVAC unit.

It is capable of handling a wide range of voltages, a benefit when properties have a variety of HVAC units of different power feeds.

Aida was designed to use the latest communication protocols in the industry: Wi-Fi, BLE, and Zigbee.

Wi-Fi

Aida can operate using your existing Wi-Fi access points, eliminating the need to install Zigbee coordinators.

BLE

Aida is Bluetooth-capable, with enough memory to integrate with the latest BLE-enabled industry technology like panic systems and door locks.

Aida features a PIR occupancy sensor calibrated to extreme sensitivity for optimal energy savings and guest comfort. A light-level sensor aids in detecting occupancy (which extends the amount of time to detect occupancy at night when guests are typically sleeping).

It features a standard built-in humidity sensor and can optionally control humidity in many cases.

Zigbee (Optional)

Because of its “dual chip”, Aida can simultaneously communicate with the multitude of attached Zigbee-enabled devices on the market today, including Telkonet’s end devices: Contact+ door contact, Sense+ supplemental occupancy sensor, Guard+ smart outlet, Switch+ smart light switch that can serve as a master light switch; and many third-party door locks.

RHAPSODY - ENERGY MANAGEMENT SYSTEM PLATFORM

Rhapsody software monitors and controls network devices. With its user-friendly graphics, Rhapsody offers insight into physical occupancy status, and room temperature. Rhapsody’s Wi-Fi capability makes it quick and easy to install, configure, and remotely troubleshoot. With Rhapsody, properties can view multiple sites from a single platform, monitor devices and HVAC trends, evaluate in-room equipment performance, track energy usage and so on.



Platform

Aida can be configured to operate as part of our latest energy management platform, Rhapsody. Rhapsody provides an enterprise cloud portal for historical reviews of performance and group control of thermostat settings.

Aida is also capable of working with third-party platforms, including Control4, BACnet-based BMS systems, and third-party systems.

BENEFITS

- Rhapsody's most economical thermostat option
- Universally compatible across a wide array of HVAC systems
- Can use existing Wi-Fi infrastructure access points (no need for Zigbee coordinators)
- Integrate with Zigbee-enabled and Bluetooth-enabled devices like door locks and panic buttons
- Option for analog outputs
- DND & MUR calls

FEATURES

- Button options include On/Off, F°/C°, Heat/Cool, Fan Speed, DND/MUR,
- Works seamlessly with PTACs, fan coils, heat pumps, split systems, and more
- Communication protocols are built into every device: Wi-Fi, BLE
- Optional Zigbee communication protocol
- HVAC controller and user interface in one device (no separate HVAC controller)
- Built-in PIR occupancy sensor
- Built-in humidistat and humidity-control capable
- Six 24-277 V ac relays
- Four digital inputs , enabling the thermostat to control the HVAC, door contacts, third-party occupancy, DND systems or HVAC alarm, modulating valves, ECM Motors and more.
- Analog Output option: Two 0-10V analog outputs
- Available in black or white
- Available with Zigbee capabilities or without
- For third-party integrations, wireless communication via the Rhapsody integration server
- Residents can control Aida remotely using the Rhapsody Mobile app