INSTALLATION GUIDE

Wireless Central Controller

INTRODUCTION

The Wireless Central Controller is the local interface and access point for the entire SiteLine for Wireless BAS (building automation system). With the help of cloud computing and wireless communicating sensors, the central controller optimizes the efficiency of HVAC equipment in the building while keeping occupants comfortable, healthy, and productive.

PACKAGE CONTENTS

- 8” Central Controller tablet
- Control board panel
- Mounting accessories

SPECIFICATIONS

Power	Power Source: 24V AC/DC input (+/- 15%) 5VA (during Smart Damper calibration). Typical < 1VA consumption
Operating range	Humidity 20-85% non-condensing. Temperature 0 to 122°F (-17 to 50°C)
Communication	915 Mhz Mesh IEEE 802.15.4-compliant, for communications to CCU 2.4 GHz Wi-Fi to connect to the Internet Bluetooth: BLE 4.1 for commissioning, triangulation, and communication to wireless sensors 3-wire sensor bus for daisy-chained sensor communication and low power 3V dc 4-wire interface for RS 485 communication @ 115200 baud and 5V DC, 100mA power source
Inputs	2 x thermistor inputs. 10K Type 2. Or 0-50KΩ resistance 2 x 0-10V analog inputs. 10K impedance
Outputs	4 x 0-10V or 4-20mA analog outputs 8 x 24V DC/1A Relays Common Pogo Pin termination for USB port and +5V DC power USB-A port for communication

PRECAUTIONS

- Failure to wire devices for power with the correct polarity when using a shared transformer may result in damage to any device powered by the shared transformer.
- Turn off power before installing. Never connect or disconnect wiring with the power turned on.
- Do not run the low voltage wiring in any conduit with line voltage.
- Install in accordance with all state and local codes.

MOUNTING

1. Mount the control board panel from the floor and level. When using drywall anchors, drill a 5/16" hole and insert the provided anchors. Screw the control board panel into place using the provided #6-13 1" screws. See Figure 2.

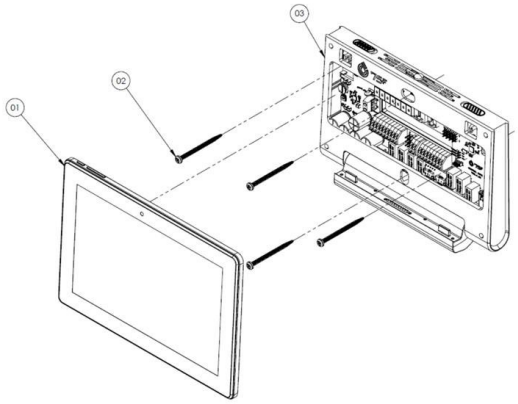

Figure 2

1. Central Controller Tablet
2. #6-13 1" Screws
3. Control board panel

2. Mount the Wireless Central Controller tablet. Ensure that the power and volume buttons are facing upward that two slots on the bottom of the tablet matches with the two tabs on the control board panel. Align the tabs to the slots, tilt and push back the tablet until it clicks into place. If power is supplied to the control board panel and the tablet is powered on, you will see a USB icon in the upper left status bar of the tablet. The blue outline of a cloud signifies that data is being transmitted. See Figure 3.

Cloud Connected

Figure 3

900MHz

DAIKIN WIRELESS TECHNICAL SUPPORT

Installations carried out by non-certified technicians/engineers would void warranty.

For more information on wiring, commissioning, or usage of Daikin Wireless products, please refer to any documentation provided with the job. If no documentation was provided with the job, please use the Daikin Wireless Help Center (support.wirelesscontrols.daikinapplied.com) where you can find application specific wiring schematics and helpful user guides and videos

If you need more information, please visit (support.wirelesscontrols.daikinapplied.com) for instructional videos, installation guides, and more. You can also call +1 866 462 7829 (USA) if you need technical support.

Warnings and Disclaimers

The following compiles a list of warnings and notes associated with the installation and operation of this kit. Make sure to follow these warnings, as well as always having properly trained technicians and electricians, or Daikin-authorized technicians perform work.

Hazardous Information Messages

⚠ CAUTION

Cautions indicate potentially hazardous situations, which can result in personal injury or equipment damage if not avoided.

⚠ WARNING

Warnings indicate potentially hazardous situations, which can result in property damage, severe personal injury, or death if not avoided.

⚠ DANGER

Dangers indicate a hazardous electrical situation which will result in death or serious injury if not avoided.

⚠ DANGER

Dangers indicate a hazardous gas situation which will result in death or serious injury if not avoided.

⚠ NOTICE

Notices give important information concerning a process, procedure, special handling or equipment attributes.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help. This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and all persons. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

CANADIAN COMPLIANCE STATEMENT

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada license-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) L'appareil ne doit pas produire de brouillage;
(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTE: This equipment complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

REMARQUE: Cet équipement est conforme aux limites d'exposition aux radiations RSS-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.