



ClearSky™ Remote Temperature Sensor



Installation Guide





Product Overview

The remote temperature sensor is wall mountable remote sensor for use with any ClearSky™ compatible system. This sensor is ideal for remotely monitoring room temperature and reporting back to control panel or thermostat. The CS-502 also supports external NTC 10K ohm Type 2 probes.

Features

- Quick installation
- Compatible with any ClearSky™ compatible system
- Monitor temperatures remotely
- Alerts you of a change in temperature
- Encrypted protocol – reliable and secure

Specifications

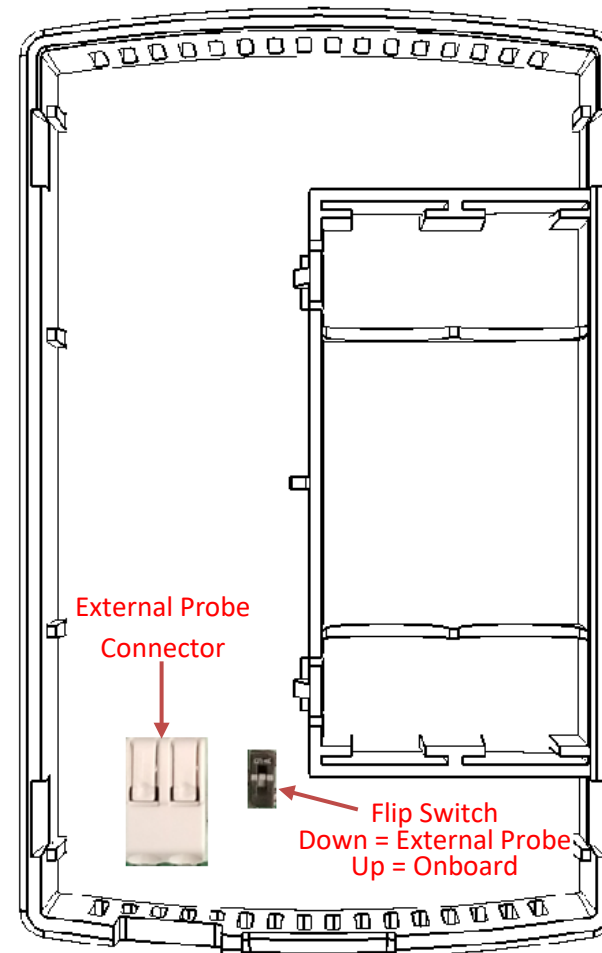
- For indoor use only
- Operating frequency: 345 MHz
- Operating temperature: 0° – 49°C, 32° – 120°F
- Operating humidity 5-95% RH non-condensing
- Battery: 2x AAA 1.5V DC batteries
- Battery Life: up to 8 years
- Detection of standing water within 1 second across gold probes
- Temperature Range (onboard thermistor): 0° – 49°C
 - With External 10k ohm
- External Probe Input fits 24-18 AWG wires.

Package contents

- 1 x Remote Temperature sensor (with AAA batteries)
- 1 x Double Sided Adhesive Tape
- 2 x Mounting Screws
- 1 x Installation Manual

Installation Instructions

- (1) Identify location for Remote Temperature Sensor.
- (2) Pair the sensor to the ClearSky™ compatible hub. Follow pairing instructions in the next section.
- (3) If using an external probe, strip the wire off 7 to 9 mm and insert them into the external probe connector. See Figure 1
- (4) Move the flip switch to the “external probe” position.



Pairing

To pair the sensor, set your ClearSky Compatible Controller into sensor learn mode. Refer to your specific ClearSky Compatible Controller instruction manual for details on these menus.

On the temperature sensor, locate the learn button above the external probe connector. Initiate pairing by pressing the the learn button. Repeat as needed by the ClearSky Compatible Controller.

Unpairing

Any ClearSky™ Device can be removed from any ClearSky™ compatible controller. Follow the directions to put your ClearSky™ Controller into exclusion mode to remove the device.

Testing

To test the signal transmission from the desired location, press the learn button. It will report the temperature value.

Battery State

The temperature sensor will alert the controller when the batteries become low. While the batteries are low, the controller will report the battery level as defined in its operation. The temperature sensor will continue operating until the batteries are completely depleted.

Replacing the Battery

When the battery is low a signal will be sent to the control panel. To replace the battery:

1. Carefully remove the front cover by prying on the bottom plastic tab.
2. Replace battery with two AAA batteries.
3. Reinstall the front cover.



Plastic Tab



FCC Compliance Statement

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.

This equipment has been tested and found to comply with the limits for Class B digital devices, 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 instruction manual, 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:

- Re-orient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment to an outlet on a different circuit from the receiver
- Consult the dealer or an experienced radio/TV contractor for help.

Warning: Changes or modifications not expressly approved by Ecolink Intelligent Technology Inc. could void the user's authority to operate the equipment.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme la norme d'Industrie Canada exempts de licence RSS. Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne peut pas provoquer d'interférences, et (2) cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de la dispositif.

FCC ID: XQC-CS502

IC: 9863B-CS502

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