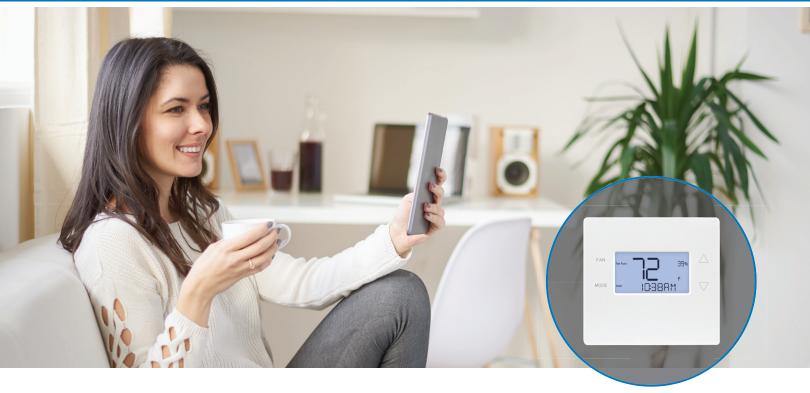


Smart Z-Wave Plus Thermostat

2GIG-STZ-1



Manage Your Comfort at Home or Across the Globe

Heating and cooling account for 48% of the energy use in a typical U.S. home, making it the largest energy expense for most households. When set properly for current weather conditions, smart thermostats are estimated to save homeowners an above average 5% to 15% (and sometimes more) off of those energy costs (*energy.gov*).

The new 2GIG Thermostat is one of the easiest smart thermostats to install and is controllable by all Z-Wave hubs, including all 2GIG security systems. When integrated with the apps that control your Z-Wave hub, you can adjust your home's HVAC settings from any smartphone or tablet, whether you are sitting in your living room or in a hotel room across the globe.

Operating Requirements

- Replace the existing thermostat by connecting the wires to the corresponding inputs
- 4 AA batteries or connection to the 24 VAC "C" wire from the HVAC System

Using the battery-powered version, low-voltage integrators can connect the thermostat to 95% of HVAC systems without the help of an electrician or HVAC contractor. Its flexible design also allows for the thermostat to be powered by the HVAC systems 24VAC "C" wire, if desired.

Compatibility

 Works with all Z-Wave Hubs, including 2GIG GC2e, GC3e, and GC3 security panels.

2GIG SMART Z-WAVE PLUS THERMOSTAT SPECIFICATIONS & TECHNOLOGY

Thermostat Features

| Display | Fixed Format Display with white backlight |
|------------------------------|--|
| Display Options | Heating and Cooling Setpoint, or Clock, humidity display option |
| System Mode | Off, Heat, Cool, Auto, E-Heat |
| Fan Mode Display and Control | Auto and On |
| On-Screen Setup of | HVAC Type, Fan Type, Changeover type for HP systems, humidification support, F/C mode and sensor calibration |

Thermostat Specifications

| Power | Battery or 24V AC powered: Compatible with the vast majority of Central HVAC systems |
|---|---|
| Z-Wave Frequency | 908.42 MHz, 916 MHz |
| System Compatibility | Central HVAC systems or separate heating/cooling systems with separate RH/RC transformers (split) |
| Standard Gas/Electric HVAC | 3 stage heating, 2 stage cooling |
| Heat Pump HVAC | 3 stage heating, 2 stage cooling |
| Fan System | Selectable for gas or electric heat systems |
| Heat Pump Change Over Valve (Reversing Valve) | Selectable for change over with heat or change with cool (O or B output) |
| Emergency Heat | In Heat Pump mode, Emergency Heat mode is selectable from the thermostat |
| HVAC System Protection | Compressor short cycle protection delay of 5 minutes (adjustable) |
| Temperature Setpoint Range | Heat Set Point: 32 – 90 °F (0 – 32 °C) Cool Set Point: 61 – 122 °F (16 – 50 °C) Setting resolution: 1°F (0.5°C) |
| Relative Humidity | 5-95% Non-Condensing |
| | |

Power Requirements

| Input | 4 AA Batteries or 24V AC "C" Wire from HVAC system |
|-------|---|
| Note | 24V operation requires both 24VAC (R) and 24VAC common (C) wires from the HVAC System. DO NOT used batteries when using 24V power. |
| | |

Wiring Requirements

| Standard HVAC Connections | C, RC, RH, W1, W2/O, Y1, Y2, G, W3, |
|---------------------------|-------------------------------------|
| | HUM+, HUM-, 18 AWG |

Enclosure

| Material and Certification | ABS Plastic |
|----------------------------|--|
| Color | White |
| Dimensions | 5.75 x 4.5 x 1 in (14.6 x 11.4 x 2.5 cm) |
| Weight | 1 lb (4.5 kg) |

Compliance

| United States | FCC |
|----------------|-----------------|
| Canada | Industry Canada |
| Z-Wave Plus V2 | |

Package Contents

- 2GIG-STZ-1
- 4 AA Batteries
- Mounting Hardware
- Installation Manual and Quick Start Guide

Specification and availability subject to change without notice



