

Z-Wave Plus® Battery-Powered Thermostat

IS-ZW-TSTAT-500



IS-ZW-TSTAT-500W



IS-ZW-TSTAT-500B



OVERVIEW

Control the comfort of your home, simply, whether you are home or away with the battery powered Z-Wave Plus digital thermostat. The built-in Z-Wave Plus control protocol allows for seamless integration of this thermostat with your Z-Wave compatible control platform, offered by all residential Interlogix panels, along with the convenience of integrated mobile app control when away from home or even across the room.

This thermostat can be installed as a stand-alone unit that will measure both the temperature and average humidity within the home.

The Z-Wave Plus thermostat can be powered by 4 AA alkaline batteries or by a 24V common wire from the HVAC system and is extremely simple to program with the integrated scrolling text display. Capacitive touch buttons give the user superior control with even the lightest touch. Finally, the simple to read LCD display offers a white backlight that can be adjusted for brightness and duration.

STANDARD FEATURES

- New battery powered design
- Runs on 4 AA alkaline or Standard HVAC 24V common wire
- Long life, 2 year alkaline batteries
- Z-Wave Plus 500 Series compatible
- When powered by 24V common wire, the thermostat will act as a Z-Wave repeater (acts as a FLIRS device when battery powered)
- Standard or Heat Pump HVAC systems
 - 3-stage heat/2-stage cool with Heat Pump
 - 2-stage heat/2-stage cool with Air Conditioner
- Fixed format LCD display with scrolling 7-letter Message Bar
- Remote control of all thermostat functions
- Monitors, displays and reports relative humidity
- Wall mount or mounts on single-gang junction box

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Specifications

Z-Wave Control	Z-Wave Plus (500 Series) chipset with standard Z-Wave Thermostat Control Protocol Supports Z-Wave FLIRS functionality
Display Options	Heating and cooling set-point display options
System Modes	Off, Heat, Cool, Auto and E-Heat
Fan Mode Display and Control	Auto, On
On-screen Setup	HVAC type, Fan type, Changeover type for heat pump systems, F/C mode and sensor calibration
Relative Humidity	± 3%, Range 20-90%

HVAC System Compatibility

Battery or 24VAC Powered	Works on Standard Gas/Electric or Heat Pump HVAC Systems
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Central HVAC Systems

Separate heating/cooling systems with separate RH/RC transformers (split)

Standard Gas/Electric HVAC System	2-stage heating, 2-stage cooling
Heat Pump HVAC Systems	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 over with cool (O or B output)
Emergency Heat	In Heat Pump mode, Emergency Heat mode is selectable from the thermostat
Compressor Short Cycle Protection Delay	5 minutes default (adjustable)

Automatic heating and cooling changeover in Auto Mode

Wiring Requirements	Uses standard thermostat connects (C, RC, RH, W1, W2/O, Y1, Y2, G) -18 AWG
Power Requirements	Battery or 24VAC powered: 4 AA alkaline cells Note: 24V operation requires for 24VAC (R) and 24VAC common (C) wires from the HVAC system
Dimensions (W x H x D)	5 x 4.5 x 1 in. (127 x 114.3 x 25.4mm)

Ordering Information

IS-ZW-TSTAT-500W	Wireless, Battery Powered, Z-Wave Plus Thermostat, White
IS-ZW-TSTAT-500B	Wireless, Battery Powered, Z-Wave Plus Thermostat, Black



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Specifications subject to change without notice.

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