

**MODERN STYLING**

**SMALL FOOTPRINT**

**AFFORDABLE PRICE**

Perfect for today's modern hotel rooms





E-Smart W960 Thermostat

The new E-Smart W960 is an advanced wireless thermostat that provides guestroom comfort while reducing HVAC energy costs. The W960 wireless thermostat allows for convenient guest room temperature control and enables you to easily relocate the thermostat location without the need for additional wiring. The elegant design incorporates Wi-Fi to enable remote management from a smartphone application and has the ability to integrate with networked energy and property management systems. Up to 3 additional W960 accessory wireless thermostats can be networked to allow multi-point control of a single HVAC system without the need for additional wiring. Installation is a breeze with the included E-Smart configuration tool. An antibacterial coating has been applied to the W960 to help reduce the risk of spreading infection.

**FEATURES & BENEFITS**

- Elegant industrial design
- Standalone energy management
- Multi-point wireless HVAC control
- A.I. temperature control
- Compatible with most wired HVAC systems

- Occupancy detection
- E-Smart configuration tool with firmware upgrade capability
- ZigBee 3.0 compatible
- Antibacterial coating tested to inhibit 99.9% of bacteria growth



**SYSTEM APPLICATION**



- Improve PTAC / VTAC energy management and reduce maintenance cost with this easy to install wireless thermostat
- Place anywhere in the guest room without the need for wiring or an electrician
- Smart In-Room Energy Management System with occupancy detection optimizes energy usage through and advanced A.I environmental learning algorithm
- Multi-point Wireless Technology allows multiple thermostats to be networked to control a single HVAC system
- Networked Energy Management System optimizes in-room energy usage and has the ability to cooperate with hotel PMS/EMS (Integration required)



- Controller card mounts directly to the PTAC chassis and connects with the included wire harness.
- Wirelessly communicates with the thermostat and other devices in the room.
- Wi-Fi enabled for PMS/EMS integration or smartphone remote access (Wi-Fi 802.11b/g/n Frequency band: 2.4GHz)

\* This feature is available for US and Canada market only.

## WIRELESS THERMOSTAT SPECIFICATIONS

Product Dimensions:	3.4" x 3.4" x 0.9" (8.6cm x 8.6cm x 2.3cm)
Mounting Type:	Surface-mount
HVAC System:	PTAC/VTAC/HEAT PUMP
Power Requirements :	Alkaline Batteries (4x AAA) Or, USB-Type C (DC5V 1A)
Display:	1.3 inch OLED (128 x 64)
No of Keys:	4 Touch Keys
LED indicator:	1 x Red color
Temperature Range:	33-99°F (+/-1°F) 1-37°C (+/-0.5°C)
Humidistat:	Range: 30-95% (+/-5%RH)
Occupancy Sensing:	Maximum Detection Distance: 9 m Maximum Detection Angle: 120°
Diagnostic Connection:	USB-Type C
RF Interface:	Zigbee 3.0 Frequency Band: 2.4GHz
APP System:	Android 8.0 or higher
Battery Life:	24 months life
Approvals:	ETL UL62368-1; UL60730-1; UL60730-2-9; FCC Part 15B; Part 15.247; Part 15.249

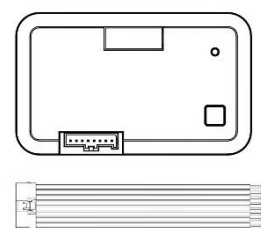
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**CONTROLLER CARD SPECIFICATIONS**

Product Dimensions:	3.9" x 2.4" x 1" (10cm x 6.0cm x 2.4cm)		
Mounting Type:	Double sided tape		
HVAC System:	PTAC/VTAC/HEAT PUMP		
Power Requirements :	Input 24V AC		
Recommended Wire:	24 Gauge		
No of Keys:	1 x Pair Button		
LED indicator:	1 x Dual color		
Outputs:	6 on-board relays for Fan Hi/Lo, Heat and Cool etc		
RF Interface:	Zigbee 3.0	Frequency Band: 2.4GHz	
	Wi-Fi 802.11b/g/n	Frequency Band: 2.4GHz	
APP System:	Android 8.0 or higher		
Approvals:	ETL UL62368-1; UL60730-1; UL60730-2-9; FCC Part 15B; Part 15.247; Part 15.249		

**Controller Installation – Wiring Table**

Wire Color	Conventional System		Heat Pump System	
Black	C	24VAC Common Wire	C	24VAC Common Wire
Red	R	24VAC Power	R	24VAC Power
Yellow	Y1 or W3	First Stage of compressor relay/Third stage of Heat relay	Y1	First Stage of compressor relay
White	W1	First Stage of Heat relay	W1 or Y2	Aux Heat/First Stage of Heat/Second Stage of compressor relay
Orange	O/B or W2	Not used / Second Stage of Heat relay	O/B	Changeover Valve relay
Green	GH	Fan Relay, High	GH	Fan Relay, High
Purple	GL	Fan Relay, Low	GL	Fan Relay, Low
Brown	AUX	Occupancy out	AUX or E	Occupancy out / emergency Heat



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