vtech® | Hospitality

MODERN STYLING

SMALL FOOTPRINT

AFFORDABLE PRICE

Perfect for today's modern hotel rooms

RoHS Compliant   FC   CE   ETL Intertek

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.

E-Smart W960 Thermostat

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
Standard Deadband:	2°F or 1°C between heating and cooling
Temperature Range:	33-99°F (+/-1°F) 1-37°C (+/-0.5°C)
Humidistat:	Range: 30-95% (+/-5%RH)
Occupancy Sensing:	PIR FOV: 100° @ 23' (7 meters)
Diagnostic Connection:	USB-Type C
RF Interface:	Zigbee 3.0 Frequency Band: 2.4GHz
APP System:	Android
Battery Life:	24 months life
Approvals:	EN 60730-1, EN60730-2-9, UL (IEC) UL60730-1, UL764C, UL60790-2-9 CSA (IEC) CAN/CSA 60730-2-9

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

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:	18 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
Approvals:	EN 60730-1, EN60730-2-9, UL (IEC) UL60730-1, UL764C, UL60790-2-9 CSA (IEC) CAN/CSA 60730-2-9

Controller Installation – Wiring Table

Wire Colour	Terminal Letter	Terminal Connection
Black	C	COMMON
Red	R	24VAC
Yellow	Y	COMPRESSOR
White	W	HEAT
Orange	O/B	REVERSE VALVE
Green	GH	FAN HIGH
Purple	GL	FAN LOW
Brown	AUX	OCCUPANCY OUT

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