TS8 WI-FI THERMOSTAT

ADVANCED COMMERCIAL TOUCHSCREEN THERMOSTAT
PART NUMBER: TS8-WSPF

The Automated Logic® TS8 is an advanced commercial touchscreen thermostat designed to provide intelligent climate control for offices, hotels, retail, educational facilities, and more. Engineered for versatility, the TS8 precisely manages fan speeds and operation modes for a wide range of equipment, including rooftop units, heat pumps, fan coil units, and more. With robust connectivity via native BACnet® (MS/TP or Wi-Fi) and an intuitive mobile app and web interface, the TS8 functions as a standalone solution or integrates seamlessly with the WebCTRL® building automation system to deliver enhanced visibility and optimized performance across your HVAC portfolio.

Features/Benefits

- **BACnet Integration:** Integrates seamlessly with BACnet-compliant building automation systems via MS/TP or Wi-Fi IP, facilitating centralized control and data exchange.

- **Versatile HVAC Applications:** Supports a wide range of equipment, including configurations for up to 4-stage heating, 2-stage cooling, heat pumps, fan coil units, and more.

- **Advanced Scheduling & Energy Optimization:** Provides 7-day scheduling with up to 4 programmable periods per day, supporting optimized setpoints for energy savings and compatibility with demand response programs.

- **Input/Output Versatility:** Includes an analog input for remote temperature sensing or a configurable analog output for precise water valve control or three-speed fan control.

- **User-Friendly Touchscreen Display:** Features a 4.3" full-color capacitive LCD with swipe and scroll functionality, designed for intuitive navigation and clear viewing from any angle.

- **Accurate Indoor Sensing:** Includes onboard temperature and humidity sensors, supporting remote temperature, outdoor air, or supply air sensors for precise climate management.

- **Over-the-Air (OTA) Software Updates:** Automatically receives updates via Wi-Fi, ensuring continuous access to the latest features and security enhancements without manual intervention.

- **Remote Management & Setup:** Offers control and configuration via the Automated Logic Connect smartphone app or web portal from various locations.

- **Easier Installation & Commissioning:** Features rapid 3-second boot time , screwdriver-free, spring-loaded connectors, and faster commissioning via Bluetooth for streamlined setup.

- **Reliable Operation & Monitoring:** Maintains settings in non-volatile memory after power interruptions and delivers critical alerts for system faults and events.

- **Modern, Discreet Profile:** Its slim design allows for easy blending into any building's decor.
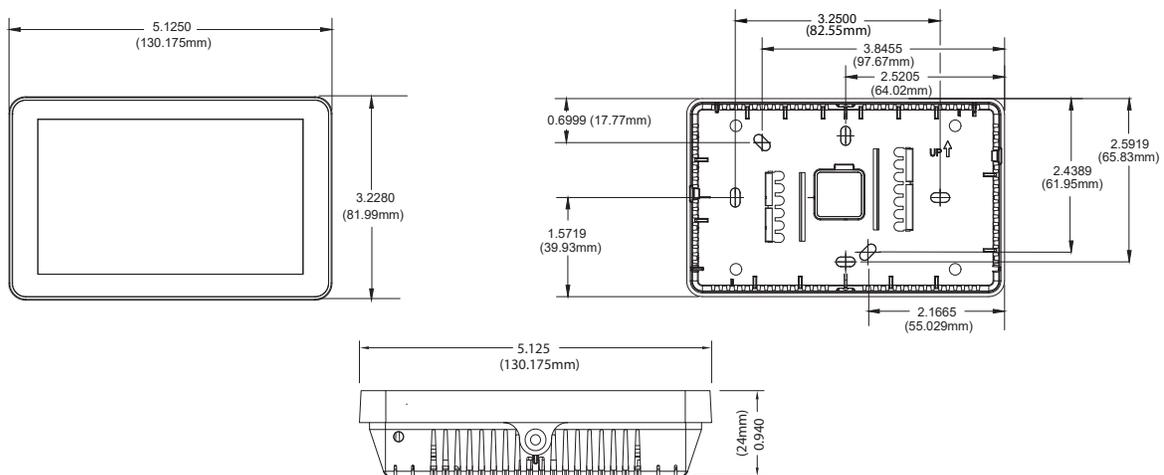
The WebCTRL building automation system gives you the ability to understand your building operations and analyze the results. Integrate environmental, energy, security and safety systems into one powerful management tool that helps you reduce energy consumption, increase occupant comfort, and achieve sustainable building operations.

Specifications

Part # TS8-WSPF	
BACnet Conformance	Conforms to the BACnet Application Specific Controller (B-ASC) as defined in BACnet 135. Tested to and listed to Protocol Revision 18 (see BTL listing page for details)
Compatible Equipment & Applications	Supports gas/electric furnaces, heat pumps (standard and dual-fuel), and 2-pipe/4-pipe hydronic fan coils; up to 4-stage heating and 3-stage cooling
Network Requirements	Wi-Fi connectivity supports Wi-Fi: 802.11 a/b/g/n standards on 2.4 GHz networks
Power Requirements	**R, C** 24 Vac 50/60 Hz @ 6VA
Communications	**A+, B** Wired BACnet MS/TP, Wireless BACnet over Wi-Fi, BLE Commissioning when Wi-Fi is unavailable
Display	Color Capacitive Backlit Touchscreen, °F or °C Selectable
Input	**T** (Max One Terminal - Select from one of the below options) Remote Temperature Sensor 10K Type II. Software selectable for: • Remote Temperature (N1-10K-2-R-N-BW-A) • Outside Air Temperature (N1-10K-2-O-WP-A) • Duct Temperature (N1-10K-2-D-6-NB-5-A) • Dry Contact Input = Occupancy or Filter status or Door Contact or Economizer Fault
Outputs	**AO, Others** Minimum Load = 1000 ohms Maximum Load = 1.25 A, 50% power factor 24VAC solid-state switching for fan and equipment control
Environmental Operating Range	32° to 104°F (0° to 40°C), 10 to 95% relative humidity, non-condensing
Compliance	FCC Part 15, Subpart J Title 24, 2022 Part 6 (OpenADR 2.0b), IECC 2015
Enclosure	Dimensions: 3.23 in. (82mm) H x 5.13 in. (130mm) W x .94 in. (24mm) D Weight: approximately .75 lb (340g)
Mounting	Wall mount on a horizontal standard 4" x 2-1.2 x 2" electrical box

Dimensions - inches (mm)

Visit connect.automatedlogic.com and create an account and enable access to the Automated Logic Connect app and web portal.

Get the Automated Logic Connect App at: