OPTIPOINT™ SYSTEM TOUCH

Automated Logic

OptiPoint™

GRAPHICAL TOUCHSCREENS

The Automated Logic OptiPoint System Touch (SYST) provides building operators and technicians with visibility and control over a network of controllers via the BACnet port. The interface features an illuminated color, capacitive touchscreen display and is designed to connect to multiple WebCTRL® controllers, making management of the connected HVAC equipment both intuitive and simple.

KEY FEATURES AND BENEFITS

Application Features

- Draw occupants' attention to important information with conditional alarming and color changes
- Features a high resolution, capacitive multi-touch screen
- Supports 13 international languages and characters
- Can serve as a technician's HVAC equipment interface
- Connects directly to a network of controllers
- Multi-level password protection for security
- View trends, with added support for pinch/zoom and swiping to move along timeline
- Access virtually any point in the controllers
- View and edit BACnet time schedules
- View all alarms in the controllers
- Easily change setpoints

Hardware Features

- Sleek and modern design with a wide temperature range
- Fanless cooling system and ultra-low power consumption
- Wall-mounted

Programming Features

- Easily programmable using ViewBuilder WYSIWYG editor, which includes a library of interactive controls
- Supports standard Equipment and System Touch files
- Graphics support
- USB-C port for local device updates
- Supports screen capture to USB flash drive
- Built-in PDF viewer

WebCTRL®

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 #	SYST1-5
Display	5" screen
Resolution	800 x 480 pixels (Wide VGA)
Touch	Capacitive Multi-Touch
Communication	Connects to multiple controllers via BACnet MS/TP
Viewing Angle	Ultra-wide (nearly 180 degrees)
Max Colors	24-bit
Power	24 Vac (±15%), 5 VA, 50 - 60 HZ, Class 2 external power supply, 12-24 Vdc
Environmental Range	32 to 104°F (0 to 40°C), 10–90% relative humidity, non-condensing
Communication	
Input	EIA-485 serial port for BACnet MS/TP; USB-C host port for firmware upgrades
Mounting	Wall or panel mounting within the building interior
Memory	32 MB Flash memory to store program code and screen file 16 MB RAM to store variable data and LCD data 8 kb Serial EEPROM to store non-volatile configuration data 1.6 MB maximum file size
Temperature Sensor	Range: -4 to 140°F (-20 to 60°C) Accuracy over 30.0 to 100°F: ±1.0°F (±0.55°C) Accuracy over full range: ±2.0°F (±1.1°C) Resolution: 0.2°F (0.1°C)
Humidity Sensor	Range: 0 to 100% RH Accuracy over 20 to 80% RH: ±3.0% RH Accuracy over full range: ±5.0% RH Resolution: 0.05% RH
Device Identification	A serial number label beginning with STA is on the back of the device
Enclosure	ABS plastic with polycarbonate bezel
Real Time Clock	365/day real-time clock/calendar chip keeps track of time in the event of a power failure for a minimum of 3 days
Compliance	UL-60730 (PAZX); CE; 47 CFR FCC Part 15, Subpart B; ANSI C63.4: 2014; ICES-003, Issue 7; ICES-GEN, Issue 2

Figure 1: Physical Dimensions

	in.	cm
Width:	5.30	13.47
Height:	3.7	9.41
Depth:	0.79	1.99
Weight:	8.0 oz	0.23 kg

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