Automated Logic’s System Touch is a touchscreen user interface that provides facility managers and building occupants with a powerful user interface to building equipment. The System Touch user interface can be used with a WebCTRL system to interact with specific zones, or it can be used instead of a WebCTRL system in small facilities. By connecting directly to a BACnet® MS/TP network of controllers, the System Touch interface can discover and control equipment on that network. It also serves as a temperature sensor, humidity sensor, technician interface, BACnet browser and a diagnostic tool in one attractive, compact package.

Designed for wall mounting, the System Touch interface features a 4.3” color touchscreen display. Custom display screens are created with Automated Logic’s ViewBuilder tool.

**Key Features and Benefits**

- MS/TP communication
- BACnet browser
- Supports custom graphics
- Multiple security levels
- Temperature and humidity sensing
- Supports trends / alarms / schedules
- Attractive, neutral color enclosure
- USB Port for language or firmware upgrades
- Configuration stored in non-volatile memory
- 4.3” color LCD wide quarter VGA display
- Schedule – view and edit a BACnet schedule
- Alarm viewing – device’s alarm history buffer
- Controller status screen - present device data
- Language selection - 13 built-in, selectable languages
- Supports internal or external temperature sensor

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## Automated Logic® System Touch User Interface

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power</strong></td>
<td>24 Vac (±15%), 5 VA, 50/60 Hz, Class 2.</td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>4.3 in. resistive touchscreen color LCD display with backlighting (Wide Quarter VGA, 480x272)</td>
</tr>
<tr>
<td><strong>Enclosure</strong></td>
<td>ABS plastic with polycarbonate bezel</td>
</tr>
</tbody>
</table>
| **Ports**                      | - EIA-485 based serial port for BACnet MS/TP communication  
- USB host port for driver upgrades |
| **Microcontroller**            | 32-bit |
| **Memory**                     | - 16 MB Flash memory to store program code and screen file.  
- 1.5 MB RAM to store variable data and LCD data.  
- 4 KB Serial EEPROM to store non-volatile configuration data. |
| **Real-time clock**            | A 365-day real time clock/calendar chip. The time and date will be maintained for a minimum of 72 hours after loss of power (at room temperature). |
| **Audible alarm**              | A piezoelectric sounder |
| **Temperature sensor**         | Range: -4.0°F to 140°F (-20°C to 60°C)  
- Accuracy over 30.0°F 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 |
| **Environmental operating range** | -4°F to 140°F (-20°C to 60°C), 10–90% RH, non-condensing |
| **Mounting**                   | Wall or panel mounting within the building interior. |
| **Overall dimensions**         | Width: 5.44 in. (13.82 cm)  
Height: 4.55 in. (11.56 cm)  
Depth: 1.24 in. (3.15 cm) |
| **Backplate dimensions**       | Width: 4.79 in. (12.2 cm)  
Height: 3.94 in. (10 cm) |
| **Weight**                     | 8 oz. (0.23 kg) |
| **Listed by**                  | C UL US Listed 88F0, E143900, Type 1304TS |
| **Device identification**      | The System Touch's box contains a label with the product name and the serial number that begins with STA. Remove the front of the System Touch to see the serial number on a label attached to the control board. |