

# LSBASE / LSPLUS

## Room Temperature Sensors

Manufactured by BAPI exclusively for Automated Logic Corporation



**LSBASE**

**LSPLUS**

The LogiStat (LS) series of sensors, part of Automated Logic's native BACnet® system, are designed for use with S-line (single-equipment application) and Uline (unitary-equipment application) controllers. Using 10K ohm precision thermistors for room temperature measurement, all LS sensors feature attractive low profile enclosures with a discrete communication jack that provides direct access to the controller network for maintenance. In addition, the LSPLUS offers a local setpoint adjustment and override to an occupied mode and LED indication of current status.

The setpoint adjustment and override on the LSPLUS offers local occupant control within boundaries established by the Building Automation System (BAS) operator. When the override button is pressed during an unoccupied mode, the zone reverts to an occupied setpoint for a predetermined period of time. Local setpoint override enables an occupant to increase or decrease the zone setpoint by a preset amount. If the sliding setpoint adjustment is positioned in the center of the LogiStat, then setpoint override is defeated.

The LSBATCH and LSPLUS sensors can be used in conjunction with LSPRO during the test and balance procedure of pressure independent VAV terminal boxes to commission design air volumes. The LSPRO simply plugs into the LSBATCH and LSPLUS communication jack.

### Key Features and Benefits

- Attractive, low profile enclosure in a neutral color preferred by architects.
- Precise 10K ohm thermistor with  $\pm 0.36$  F (0.2 C) standard accuracy and less than 0.18 F (0.1 C) drift over a ten year span - requires no maintenance or re-calibration.
- LSPLUS features a convenient local setpoint adjustment through an easy-to-use slide potentiometer.
- Occupancy override is simple using the momentary push button on the LSPLUS with a bright LED for immediate indication of status.
- Discrete laptop communication jack that can be accessed without removing the cover.
- LogiStat room sensors can be interchanged without calibration.
- Mounts on a standard 2" by 4" electrical box for easy installation.

Manufactured exclusively for

**AUTOMATEDLOGIC®**  
CORPORATION

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**BAPI®** Building  
Automation  
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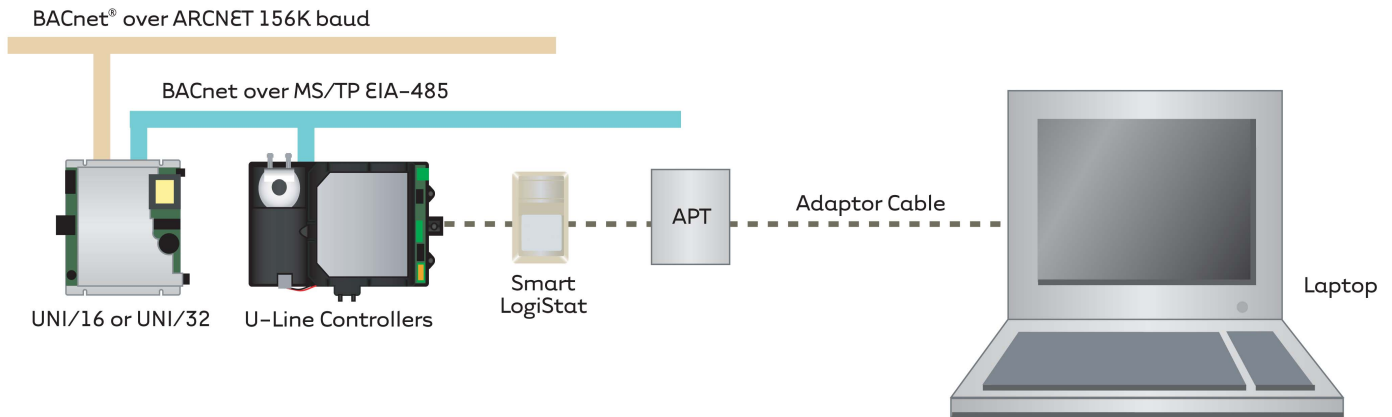
Manufactured by BAPI  
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## Specifications

A11

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Power:	Supplied by S-line or U-line Controllers.
Temperature Sensor:	Precision 10K-2 Thermistor. Standard accuracy $\pm 0.36^{\circ}\text{F}$ ( $0.2^{\circ}\text{C}$ ). Less than $\pm 0.18^{\circ}\text{F}$ ( $0.1^{\circ}\text{C}$ ) drift over a 10 year period.
Wiring:	Two pair twisted shielded cable - 22 AWG recommended
Communication Jack:	USB - female
Mounting:	Standard 2" by 4" electrical box using 6-32 by 1/2" mounting screws provided.
Overall Dimensions:	2.75" (width) by 4.5" (height) by 1" (depth) 69.9mm (width) by 114mm (height) by 25.4mm (depth)

