

# LogiStat / LogiStat Plus

Aesthetically Designed – Functional Room Sensors



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

## 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.
- LogiStat Plus features a convenient local setpoint adjustment through an easy-to-use slide potentiometer.
- Occupancy override is simple using the momentary push button on the LogiStat Plus 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.

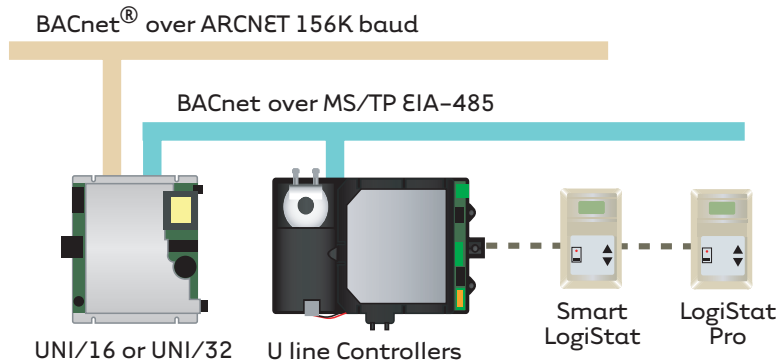
The setpoint adjustment and override on the LogiStat Plus offers local occupant control within boundaries established by the Building Automation System (BAS) operator. When the override button is pressed during an unoccupied mode, the zone reverts to an occupied setpoint for a predetermined period of 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, the setpoint override is defeated.

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

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## Specifications



Power:	Supplied by S-line or U-line controllers.
Sensing Element:	Precision BAPI Curve II 10K ohm Thermistor. Standard accuracy $\pm 0.36^{\circ}\text{F}$ ( $0.2^{\circ}\text{C}$ ). Extra precision $\pm 0.18^{\circ}\text{F}$ ( $0.1^{\circ}\text{C}$ ).
Wiring:	Two pair twisted unshielded 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:	2-1/4" (width) by 4-1/2" (height) by 3/4" (depth) (depth is a maximum 15/16"). 57mm (width) by 114mm (height) by 19mm (depth) (depth is a maximum 24mm).

