LogiStat Pro

Smart Room Sensors That are Easy to Use!

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 a precision 10K ohm thermistor for room temperature measurement, the LogiStat Pro features an attractive, low-profile enclosure with a discrete communication jack that provides direct access to the controller network for maintenance. In addition, LogiStat Pro offers an easy-to-read LCD readout of room temperature, local setpoint adjustment, pushbutton 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.
- Features a clear LCD that conveniently displays local room temperature, outside air temperature and setpoint adjustment by depressing increment/decrement buttons.
- Precise 10K ohm thermistor with ±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.
- Occupancy override is simple using the momentary pushbutton on the LogiStat Pro with a bright LED for immediate indication of status.
- Discrete communication jack that can be accessed without removing the cover.
- Simple test and balance procedure offered via display for pressure independent VAV terminal boxes - no need for specialized or expensive tools.
- 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 Pro 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 occupied setpoint for a predetermined period of time. Subsequent presses of the override button increase the override time. Local setpoint override enables an occupant to increase or decrease the zone setpoint by a preset amount. Depressing either the increment or decrement button on the LogiStat Pro causes the display to change from the current room temperature to the active room setpoint adjustment – which can then be charged locally.
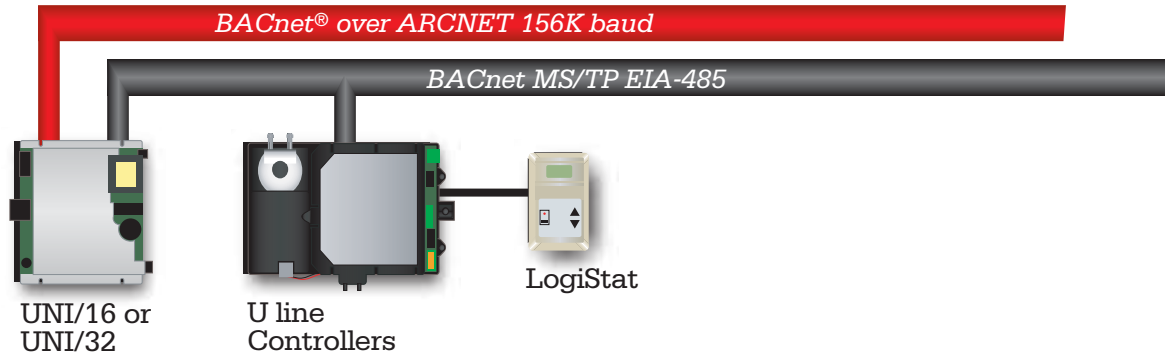
LogiStat Pro offers a simple step-by-step test and balance procedure for commissioning pressure independent VAV terminal boxes. LogiStat Pro may be easily connected into the LogiStat and LogiStat Plus via the built-in communication jack.

LogiStat Pro
Specifications

BACnet® over ARCNET 156K baud

BACnet MS/TP EIA-485

LogiStat

UNI/16 or
UNI/32

U line
Controllers

Power:	Supplied by S line or U line controllers.
Sensing Element:	Precision BAPI Curve II Thermistor. Standard accuracy ±0.35°F (0.2°C). Less than ±0.18°F (0.1°C) drift over a 10 year period.
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).

Width **Depth**

Height

www.carrier.com.hk

ENERGY STAR PARTNER