



Andover Continuum™ InfiStat™ Display Module

The Andover Continuum InfiStat Display Module provides a handsome, programmable interface to your Andover Continuum building automation system. Authorized tenants or operators in your facility can quickly and easily view HVAC or security information and/or adjust personal comfort levels with little or no training.

The InfiStat also measures local temperature using a highly stable, precision thermistor. The module includes a two-line, 16-character LCD display and an audible beeper output. Cost-effective, compact and attractively packaged, the InfiStat blends into the decor of any facility.

In addition, hidden from view behind a flip down cover is a 12-button ergonomically-designed, programmable keypad. With a touch of a finger, a user can scroll through building parameters such as temperatures or pressures, as well as view equipment status, change setpoints and schedules, turn equipment on or off, or air balance VAV boxes. The keys can be custom programmed to perform a wide variety of functions, including switching a specific zone to occupied mode, signaling an alarm condition, adjusting the amount of override time, arming or disarming a security system, and enforcing password security.

CREATE CUSTOM APPLICATIONS TO MEET USERS' NEEDS

The power of the InfiStat lies in its programmability. In lieu of a fixed menu structure, the InfiStat can be set up to display and control just what the user wants. Programming is done by writing Andover Plain English™ programs in an Andover Continuum NetController. These programs read the status of InfiStat keys, send messages to the LCD display, and control the audible beeper.

COMPATIBILITY

The InfiStat Display Module interfaces to the Andover Continuum NetController via the ACC-LON network with a choice of FTT-10A or RS-485 physical media. The InfiStat can co-exist with any other Andover Continuum I/O modules; for example, the UI-8-10, DI-8, AO-4-8, etc. (up to a total of 32 modules per single NetController). Sharing one field bus reduces wiring costs while providing distributed user interfaces to your building's automation system.

CONVENIENT MOUNTING

The InfiStat may be mounted directly on dry wall, or any electrical outlet box with no adapters required – and is intended for indoor use only. An InfiStat Panel Mounting Kit is available for convenient mounting in an enclosure cover.

- User-Friendly Operator Interface
- Fully Customizable Menus and Displays
- Two-Line, 16-Character LCD Display
- 12-Button Ergonomically-Designed Programmable Keypad
- Audible Beeper Output
- Easy Installation & Wiring
- Power with 24 VAC/VDC; can be Powered Directly from Andover Continuum Power Supply

SPECIFICATIONS

InfiStat™ Display Module

ELECTRICAL

Power:

24 VAC @ 50/60 Hz; or 24 VDC (may be powered from an Andover Continuum Power Supply)

Note: Individual transformer at each InfiStat required for 24 VAC operation (not included)

Power Consumption:

2 VA (24 VAC) or 0.6W (24VDC)

Overload Protection:

Fused with 3/4 A pico fuse. MOV protected.

+ 2,000 V transients (tested according to ENC 1000-4-4 and ENC 1000-4-5)

INPUTS

Inputs:

1 temperature input; 12 keypad inputs

Input Temperature Range:

50–100 °F (10–37.8 °C)

Input Temperature Accuracy:

± 0.5 °F (0.9 °C)

Temp. Sensing Element:

Type III Thermistor, 10 kΩ @ 77 °F (25 °C)

Input Protection:

+ 8,000 V transients (tested according to IEC 801-4)

OUTPUTS

Display:

2x16 LCD, character size 5 mm W x 8 mm H

Audible Beeper Output: 72 dB sound output at 0.1 m

MECHANICAL

Operating Environment:

50–100 °F (10–37.8 °C), 0–95% RH (non-condensing)

Mounting:

In conditioned space, mounted to a vertical surface (optional panel mounting kit available)

Enclosure:

Polymetric, UL-94-5V Flame Rating, IP 30

Wiring Connections:

Five-position, removable, screw terminal block

- 1: 24 VAC (X1) or +24 VDC
- 2: 24 VAC (X2) or 24 VDC Return
- 3: SHIELD
- 4: COMM B
- 5: COMM A

Dimensions: 4.3" H x 7.2" W x 1.5" D (110 mm H x 185 mm W x 38 mm D) (outer dimensions of enclosure)

COMMUNICATIONS

RS-485:

Communications Speed: 39k baud

Bus Length: 2,000 ft. (610m).

Bus Media: Shielded, twisted pair cable. 120Ω termination required at both ends of the ACC-LON network (when modules are mounted remotely).

FTT-10A:

Communications Speed: 78k baud

Bus Length: Up to 8858 ft. (2700m)

– bus topology

Up to 1640 ft (500m) – free topology

Repeater required for longer distances.

Bus Media:

Refer to FTT-10A documentation in Andover Continuum I/O System Reference Guide (P/N: 30-3001-4999--Rev D or higher)

MODELS

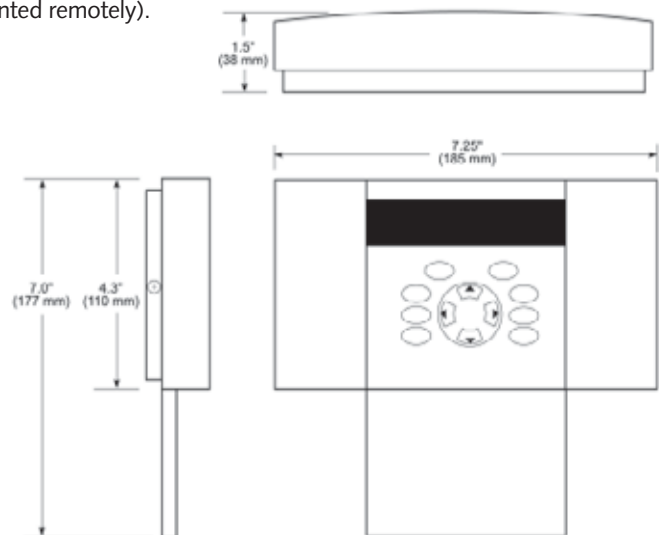
ISTAT-A-4	RS-485 media
ISTAT-A-F	FTT-10A media

AGENCY LISTINGS

FCC Part 15, CE

OPTIONS

InfiStat Panel Mounting Kit (p/n: ISTAT-FM-KIT)



Dimension Drawing

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