Honeywell

WebStat®

SPECIFICATION DATA

GENERAL

WebStat® is a web-based building manager that allows contractors and facility managers to view and command T7350H Commercial Programmable Thermostats. It communicates over the LonWorks® netrwork to perform building management control of the T7350H thermostats through a web browser. It runs building management applications such as Trending, Scheduling, and Alarming. The WebStat Bundle (W7350A1000) includes the WebStat controller (as shown above), a LON® card, and a power supply.

With WebStat you can:

-Configure and schedule thermostats, add them to floor plans, generate and view trends
-Configure users and define their roles in accessing and configuring thermostats and WebStat
-Configure up to five floor plans
-Configure a maximum of 20 thermostats on a single network.
-Configure a maximum of 10 schedules on a single network.
-Assign up to 20 thermostats per schedule (a thermostat can only be associated to one schedule)
-Configure a maximum of 5 trends (each trend having 2 thermostat points)
-Store up to 500 samples per trend
-Configure up to 25 user defined alarms
-Store and View up to 200 alarm records

WebStat acts like a network time master to synchronize the time and date in thermostats linked to it with its own time and date or with the Internet time servers. Its Device Discovery feature enables you to discover online thermostats. You can manage users and control their access to different resources in the system. The System Administration can configure network settings, site information settings, system and network data, time settings, and upload new software upgrades.

FEATURES

Supports up to 20 T7350H thermostats

Web User Interface serving information tailored for different users to a browser

Small compact design is easy to install

Embedded IBM® Power PC platform

APPLICATION

WebStat is ideal for smaller facilities and remote sites. It supports up to 20 T7350H thermostats.

In larger facilities or with facilities supporting HVAC controllers other than the T7350H, WebVision™ can be used to communicate over the LonWorks network to perform building management control of various LonWorks devices and controllers through a web browser.

Contents

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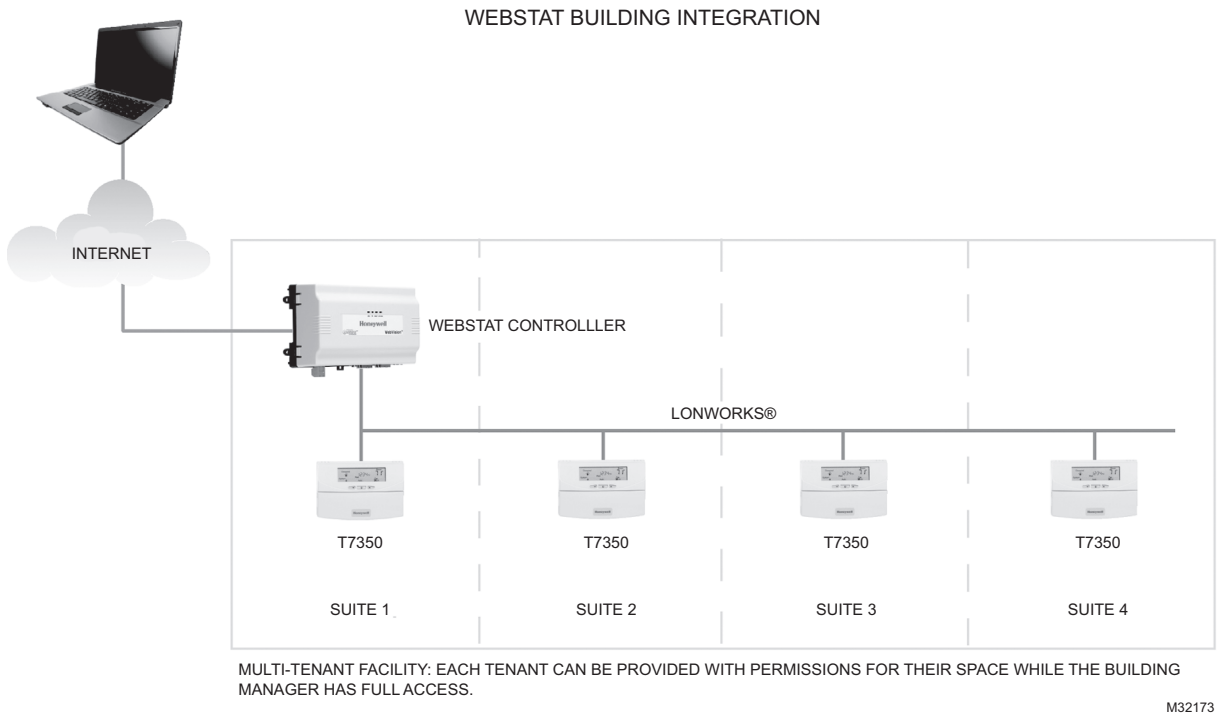

Fig. 1. WebStat® Architecture

ORDERING INFORMATION

When purchasing replacement and modernization products from your TRADELINE® wholesaler or distributor, refer to the TRADELINE® Catalog or price sheets for complete ordering number.

If you have additional questions, need further information, or would like to comment on our products or services, please write or phone:

1. Your local Honeywell Automation and Control Products Sales Office (check white pages of your phone directory).
2. Honeywell Customer Care
   1885 Douglas Drive North
   Minneapolis, Minnesota 55422-4386

In Canada—Honeywell Limited/Honeywell Limitée, 35 Dynamic Drive, Toronto, Ontario M1V 4Z9.
International Sales and Service Offices in all principal cities of the world. Manufacturing in Australia, Canada, Finland, France, Germany, Japan, Mexico, Netherlands, Spain, Taiwan, United Kingdom, U.S.A.

SPECIFICATIONS

WebStat® Controller

CPU: IBM® PowerPC® 405EP 250 MHz processor

Operating System:
QNX® RTOS
IBM J9™ JVM® Java Virtual Machine
NiagaraAX™

Memory:
64 MB SDRAM
64 MB Serial Flash

Battery Backup: Five minutes typical; shutdown begins within 10 seconds

Real-time Clock: Three month backup maximum via battery

Controller Feature Limits

Table 1. Feature Limits.

Feature	Limit
Thermostats	up to 20 T7350H thermostats
Schedules	10; up to 20 thermostats/schedule
Alarms	25 user-defined; up to 200 alarms total
Trends	Five user-defined; up to 500 samples/trend
Users	15 users total, which can be assigned to 4 pre-defined User Groups
Floor Plans	Up to five floor plans

Communication Interfaces

Ethernet: Two ports; One unused; 10/100 Mbps; RJ-45 connectors

Communication Card: 78 Kbps FTT10 A LON® Adapter and LonWorks® communication driver

Unused: two communication ports (RS-485 and RS-232)

Electrical

- **NPB-WPM-US wall plug power supply**
- **Class-A device**
- **Input voltage range:** 100 to 240 Vac, 47 to 63 Hz, 0.5A

⚠ CAUTION

Equipment Damage will result if incorrect power is connected.
Each WebStat® controller must have its own isolated, non-grounded, 15 Vac power source.

Environmental

Operating temperature range: 32 to 122 °F (0 to 50 °C)

Storage Temperature range: 32 to 140 °F (0° to 60 °C)

Operating Relative Humidity: 5% to 95% RH, non-condensing

Operating Relative Humidity: 5% to 95% (non-condensing)

Mechanical

Physical Dimensions: 6.3 in. (160 mm) Width x 4.8 in. (122 mm) Height (including connectors) x 2.4 in. (61 mm) Depth

Weight: 1.25 lb. (0.57 kg)

Construction: Plastic, din rail or screw mount chassis, plastic cover

Cooling: Internal air convection

Mounting:
The unit may be mounted on a 1.4 in. (35 mm) wide DIN rail if available. The unit base has a molded DIN rail slot and locking clip.
If DIN rail mounting is impractical, use screws in mounting tabs on the controller, then in any end-connected accessory.
Tab dimensions are shown in Fig. 2 on page 4.

Standards and Certifications

- **RF Emissions FCC part 15**
- **UL/CUL 916**
- **CE**
- **Class A, C-tick (Australia).**

Model and Part Number

Table 2 provides the part number that should be used to order the necessary Honeywell part.

Table 2. Model Description.

Part Number	Description
W7350A1000	WebStat controller, LON card, and power supply

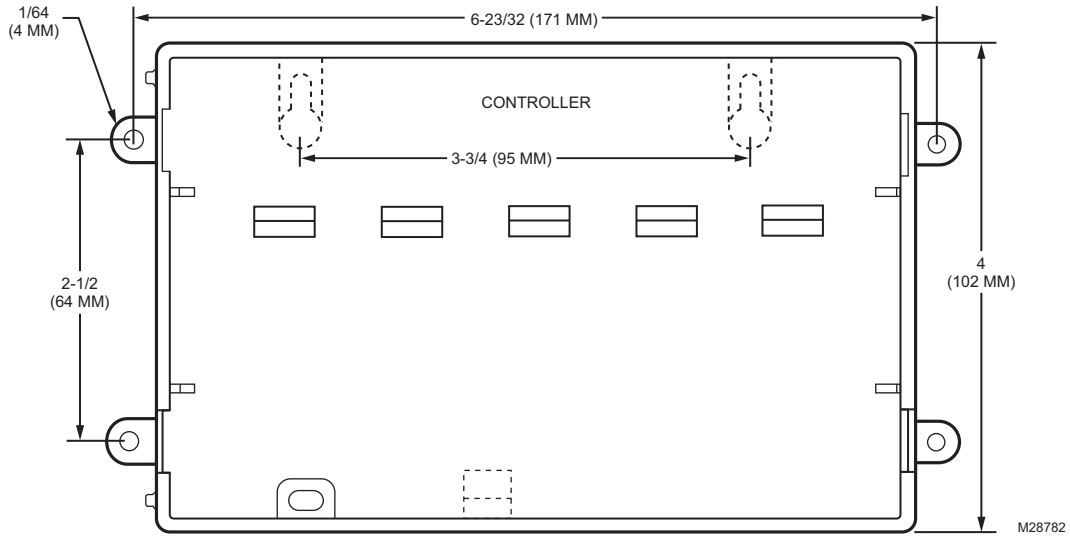

Fig. 2. Controller mounting tab dimensions in inches (mm).

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