

WebVision™

PRODUCT DATA



GENERAL

WebVision™ is a web-based building manager that allows contractors and facility managers to view and command HVAC controllers installed in their sites. It communicates over the LonWorks® network to perform building management control of various devices and controllers through a web browser. The WebVision Bundle (**WWS-VL1A1000**) includes the WebVision controller (as shown above), a pre-installed LON® card, and a power supply.

WebVision is capable of:

- Discovering unitary controllers connected to WebVision
- Configuring controllers using configuration wizards
- Monitoring, raising, and e-mailing alarms on controller points and system events
- Configuring and collecting trends on points
- Driving scheduled occupancy states
- Managing energy through Demand Limit Control (DLC)
- Providing single point of entry into the system to perform all the above mentioned tasks.
- Managing access to information through user privileges
- Providing IT-friendly network interface for easy access and management

WebVision acts as an offline configuration tool that helps the contractor to configure site project that consists of multiple unitary controllers. The contractor can commission all the controllers by connecting through a LAN, WAN, or Dial-up.

WebVision also acts like a network time master to synchronize time and date in devices connected to it with its own time and date or with the Internet time servers. Its Device Discovery feature enables you to discover online devices. You can manage users and control their access to different resources in the system. The System Administrator can configure network settings, site information settings, system and network data, and time settings.

FEATURES

Supports open LON protocol

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

Runs stand-alone demand limit control for energy management

Small compact design is easy to install

Embedded IBM® Power PC platform

APPLICATION

WebVision is ideal for smaller facilities and remote sites. It supports up to 120 Honeywell LON controllers (XL10s, XL15Cs) Honeywell VFDs, and 3rd Party LON devices. WebVision has auto discovery and Wizard-based configuration of Honeywell field controllers. It is built on Niagara-AX™ technology and extends the capabilities of WebStat™.

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WEBVISION BUILDING INTEGRATION

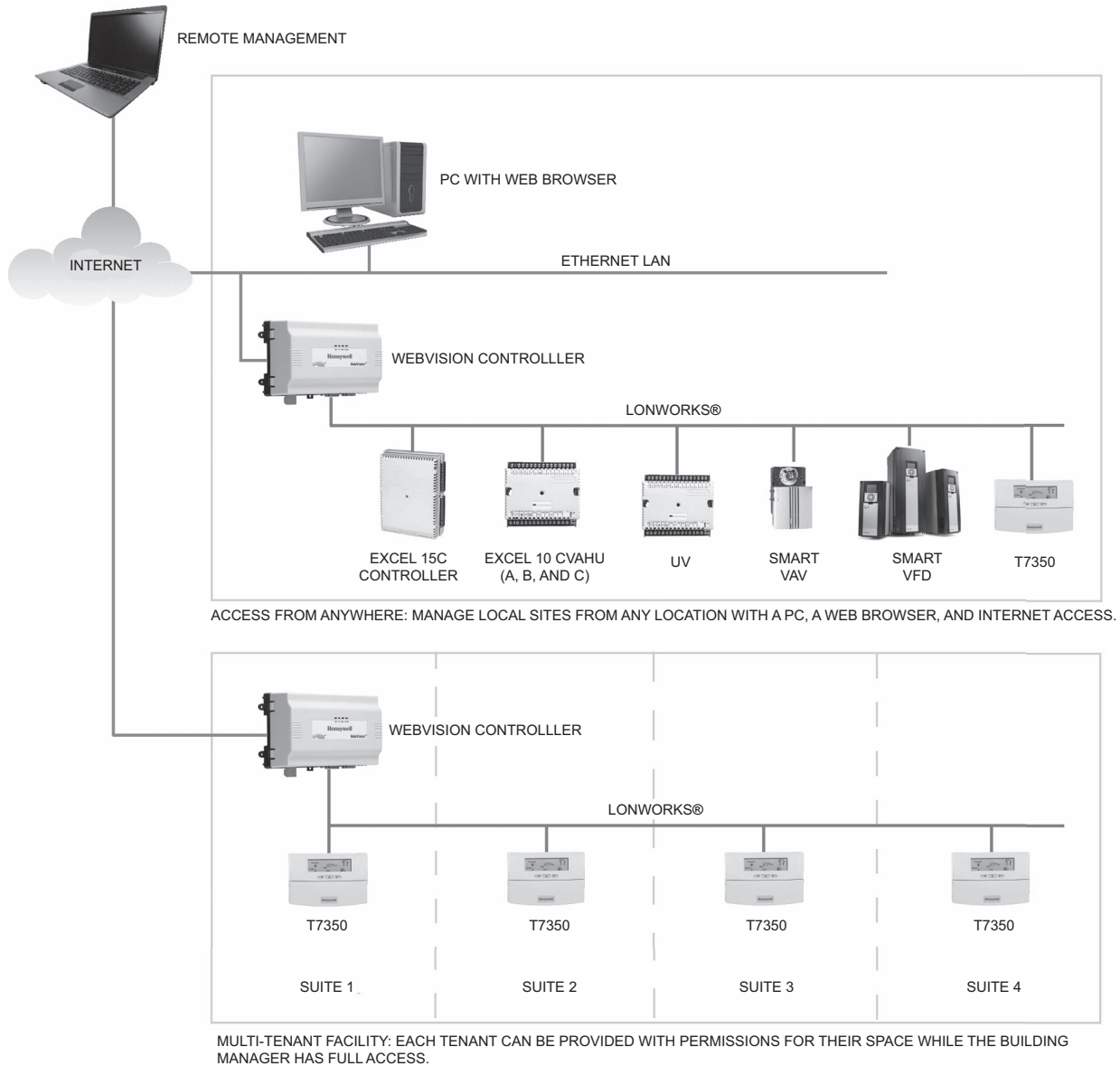


Fig. 1. WebVision Architecture.

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

WebVision Controller

CPU: IBM® PowerPC® 440 524 MHz processor

Operating System:

QNX® RTOS
IBM J9™ JVM® Java Virtual Machine
NiagaraAX 3.3

Memory:

256 MB DDR RAM
128 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
Schedules	50; up to 120 devices/schedule
Alarms ^a	100 user-defined; up to 5,000 alarms total
Trends ^a	100 user-defined; up to 1,000 records/trend
Users	30 users total, which can be assigned to 4 pre-defined User Groups
Demand Limit Control (DLC)	50 loads
Graphics ^a	50 user-defined

^a Honeywell LON devices also include default alarms, trends, and a graphic. Those are not included in these limits.

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), and one USB port

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 WebVision 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.

Warranty

Please refer to the *WebVision™* Installation Instructions (form 62-0319).

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
WWS-V1A1000	WebVision controller, one pre-installed LON card, and power supply

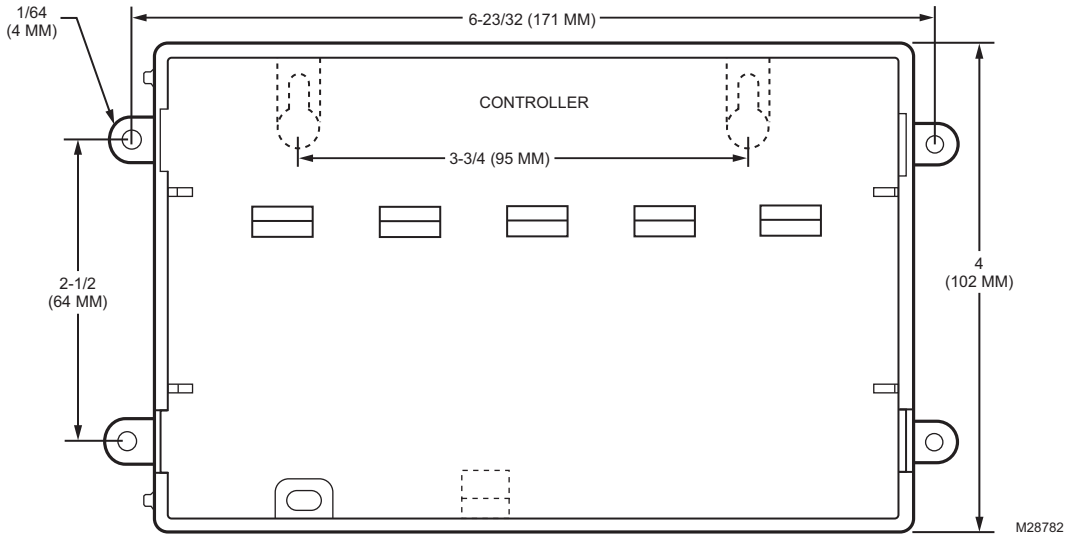


Fig. 2. Controller mounting tab dimensions in inches and (mm).

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