



# BAYweb Professional Thermostat

## BENEFITS

- Maximum Energy Efficiency
- Effortless Scheduling
- No Recurring Fees
- Self-install in 30-minutes
- Control one to 1,000+ units
- Inexpensive

## FEATURES

- BAYweb Cloud EMS
- Automated eReports
- Multi-User Access
- System-Wide Remote Control
- iPhone and Android Apps

## SAVE TIME AND MONEY

Adaptive scheduling keeps building comfortable when occupied and efficient not.

## REMOTE ACCESS

Anytime-anywhere access via web browser or web-enabled mobile phone. Remotely control one to 1,000+ units.

## ALERTS

Sensors and built-in alerts combine to make a free, self-monitored alerting system.

## ELEGANT DESIGN

Low-profile, with soft green, easy-to-read display. Available in black, white and beige.

## SIMPLE INSTALLATION

Install by yourself and connect to the Internet in less than 30 minutes. No networking expertise needed.

## DUAL POWER OPTION

The thermostat can be powered from the furnace/AC if equipped with a "C" wire, or from a standard outlet. No batteries required.

## MAXIMUM ENERGY SAVINGS - MINIMUM EFFORT

Save the maximum amount of energy almost effortlessly with a BAYweb Internet Thermostat. Remotely control and monitor any number of commercial heating and cooling systems anytime, anywhere through your PC, smart phone or tablet device. Once installed you rarely need to think again about resetting or programming your thermostat.

While saving money and energy is great, the significant advantage is what little effort is required to achieve these savings every year.

## Commercial Features

The BAYweb Professional Thermostat is for commercial, light industrial, and real estate management companies. Enjoy unprecedented control and unbeatable savings in both power consumption and man hours (travel to/from locations to operate the current thermostat). All at a cost that can pay for itself in less than a year. Annual savings will contribute directly to bottom line profits!

## Energy Management

The BAYweb Thermostat provides comprehensive energy management reporting, analysis, and alerting functions previously found in only expensive, complex building management systems for large commercial and industrial customers. The Professional model thermostat features HVAC supply temperature monitoring, trending and alerting. Along with analysis and reporting, you can set up your thermostat to alert you if the energy usage ever exceeds a specified threshold; a great feature for building managers, landlords, and vacation home owners.



## PROFESSIONAL CONTROL FOR COMMERCIAL OR COMPLEX HEATING AND COOLING SYSTEMS

For use with conventional single and multi-stage heating and/or cooling systems, as well as heat pump applications. Appropriate for:

- One heat/one cool
- Two heat/two cool
- Three heat/two cool systems
- Heat pumps

Can be used with either electric or fossil fuel systems. (Specifications chart on next page.)

The BAYweb Professional Thermostat includes all the powerful features of the BAYweb Advanced model with the added benefit of:

- HVAC supply temperature monitoring, and trending.
- Manual override tracking, and reporting.
- Four (4) temperature inputs

The Professional model also supports the ability to add these specialized, optional features:

- Humidity control (requires a BW-T110 keypad).
- Identify an open door or window and shutdown the system.
- Outside temperature sensor (requires a BW-TEMP OUTDOOR)
- Allows for up to four indoor air temperature sources.
- Average temperature control for up to four areas (requires temperature sensors).
- Temperature monitoring and alerting for up to four inputs (requires temperature sensors).
- Scheduled and remote relay control for up to two Relays.

# BAYweb<sup>®</sup> thermostat

## Smart Phone Support

Designed for most major phones like the Apple iPhone or Androids provide access to your thermostat from almost anywhere.

## About Bay

Bay is an energy solutions company that provides products and services to a broad range of industrial, commercial and government customers. We provide cost savings for our clients through increased efficiency, improved system management, better reliability, and reduced downtime. Founded in 1983, Bay provides over 1.8 terawatt-hours (1,800 million kilowatt-hours) of annual energy savings for our customers in 70 countries. Our headquarters and network operations center is located in Maumee, Ohio.



## Bay Controls, LLC

6528 Weatherfield Court  
Maumee, OH 43537  
(419) 891-4390  
sales@bayweb.com  
www.bayweb.com

©2015 Bay Controls, LLC

## Affordable

Designed to install yourself, the BAYweb Thermostat is the least expensive and most full-featured Internet enabled thermostat available. No additional or ongoing fees are required. Typical energy savings will pay for the thermostat in about one year.

## Effective

Wireless occupancy sensing enables the thermostat to automatically adapt the activity-based scheduler to your business. Special holiday hours, open late one night a week, on vacation? The BAYweb Professional thermostat takes care of keeping your building comfortable when occupied and efficient when not.

## Secure

Relax, the BAYweb thermostat will notify you of problems with your heating or air conditioning. It will also alert you to other important problems such as an open door or motion sensed. These alerts are delivered to your smart phone and a list of email addresses you select. Keypad lockout means only authorized users can control the settings.

## BAYweb Cloud EMS

Unlimited use of the BAYweb Cloud EMS is included at no additional charge. The state-of-the-art interface provides real time monitoring, control, and reporting for an unlimited number of BAYweb thermostats, and other BAYweb devices.

## Remote Control

Clean, simple controls make changing your settings quick and easy. Seamless integration with your local keypad and smart phone. Changes made on any interface will be seen and typically take affect within 10 seconds.

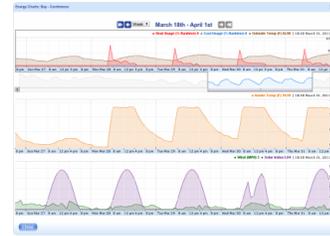


## Anytime, Anywhere Access

Easy access from anywhere to your Reporting and Historical data logs. Including indoor air temperature, run time history, alert logs, and control changes.

## Manage Your Energy

Set up your BAYweb Cloud EMS interface with the energy management applets that you need most. The interactive charting tool provides the ability to pan and zoom in on selected data.



## Simple Operation

Until now, programmable thermostats have been too complex and difficult to use. We've utilized the power and advantages of a web-based interface to take the hassle out of setting up your thermostat.

## Specifications

<b>System Types</b>	Gas, oil or electric heat with air conditioning and/or heat pump
<b>Localization</b>	Exclusively for use in the United States. Temperature indicated in degrees Fahrenheit
<b>Schedule</b>	7-day, up to 48 periods per day, automatically adapts with occupancy sensing
<b>Control Features</b>	Automatic changeover, set point limiting, compressor protection
<b>Clock</b>	Synchronized with NIST Atomic Clock (+/- 1 second)
<b>Control Types</b>	1 heat/1 cool; 2 heat/2 cool; heat pump; 3 heat/2 cool
<b>Occupancy/Alert Inputs</b>	Unlimited X10 wireless. Professional: (3) wired flexible inputs (temperature or digital)
<b>Accuracy</b>	1°Fahrenheit
<b>Power Requirements</b>	24 VAC 0.5 Amp maximum, or 120 VAC, 60 Hz, 0.25 Amp maximum
*Requires a full time Internet connection (broadband, DSL, satellite).	