

## BENEFITS

- Maximum Energy Efficiency
- Effortless Scheduling
- No Recurring Fees
- Self-install in 30-minutes
- Inexpensive

## FEATURES

- BAYweb Cloud-EMS™
- iPhone and Android Apps
- Email and Text Alerts
- Uses Existing Wiring
- Plug and Go Networking

## SAVE TIME AND MONEY

Adaptive scheduling keeps you comfortable when home and efficient when away.

## REMOTE ACCESS

Anytime-anywhere access via web browser or web-enabled mobile phone.

## 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.

# BAYweb Advanced Thermostat

## MAXIMUM ENERGY SAVINGS - MINIMUM EFFORT

Save the maximum amount of energy almost effortlessly with a BAYweb Internet Thermostat. Remotely control and monitor your home or business' heating and cooling system 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.

### 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 lifestyle. Going on vacation for a week, out for the evening, staying home, or away for the summer? The BAYweb thermostat takes care of keeping you comfortable when home and efficient when you're 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 conditions such as open doors or motion sensed. These alerts are delivered to your smart phone and to a list of email addresses you select.



## Control for Standard and Complex Heating and Cooling Systems

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

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

The BAYweb Advanced Thermostat can be used with either electric or fossil fuel systems. (Specifications chart on next page.)

You get all the powerful features of the BAYweb Standard model with the added benefit of three (3) contact inputs to use for a variety of alerting assignments. A humidity control option\* is also available for the Advanced model.

## Energy Management

The BAYweb Advanced 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.

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 parents, vacation home owners, landlords, and building managers.

\*Humidity functions are optional and require a BW-T110 keypad module.



**Smart Phone Support**

Designed for most major phones like the Apple iPhone or Androids providing access to your thermostat from just about anywhere.

**About Bay**

Bay is an energy solutions company that provides products and services to a broad range of industrial, government, commercial, and residential customers. We provide cost savings for our customers through increased efficiency, improved system management, better reliability, and reduced downtime. Bay was founded in 1983, and as of January 2012, our solutions are providing over 1.8 terawatt-hours of annual energy savings for our customers in 70 countries.



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**Commercial Features**

The BAYweb Advanced Thermostat is for homeowners, 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!

**BAYweb Cloud-EMS**

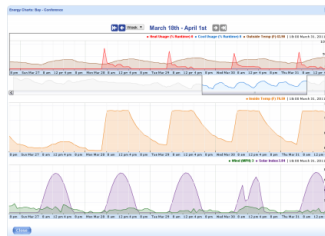
Unlimited use of the BAYweb Cloud-EMS is included at no additional charge. This state-of-the-art interface provides real time monitoring, control, and reporting for an unlimited number of BAYweb thermostats, and other BAYweb devices.

**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.

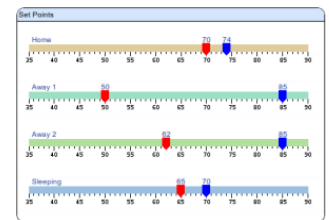
**Anytime, Anywhere Access**

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. Advanced: (3) wired inputs                                    |
| <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). |   |

