

## Smart Controller Features:

- **Capacity from 16 to 48 stations** in 8-station increments.
- **Durable, weather-resistant** aluminum enclosure with locking cabinet for indoor or outdoor use is suitable for wall mounting and selected pedestal installations.
- **Program and schedule display for each zone.**
- **Manual operation of individual stations or all stations** from 1-255 minutes in 1-minute increments.
- **Manual water up** to 4 stations simultaneously.
- **Easy-to-use keypad** for viewing programs, manual valve operation and other system functions.
- **Plug-in interface** for RainMaster® and certain other remote control systems.
- **Standard connections** for rain sensor, booster pump, master valve, and flow sensor. Compatible with normally open or normally closed master valves, rain/freeze or wind sensors.
- **Multiple valve common inputs** for commercial sites.
- **Enhanced diagnostics.** Alerts sent via email and posted on user's account page on ETwater Manager website to report any open or shorted stations. Controller keypad can be used to test one or all stations for OK, open, or shorted circuits. Colored LED panel lights report activity status of rain sensor, flow sensor, or open or shorted valve.
- **Optional flow monitoring service** provides mainline break protection, individual station flow monitoring, and leak detection. Automatic shut-off for mainline break and email alerts for high flow, low flow, no flow, and leak conditions. Compatible with Data Industrial® model 228PV series, Bermad 910 flow sensors or equivalent.



## ETwater Manager™ Website Features:

- **Weather-based watering schedules** with ET and rain adjustments automatically generated on a daily basis for all stations.
- **User-defined fixed watering schedules** option available for any or all stations.
- **User-defined automatic schedules** option provides ET-adjustment of user-entered schedule.
- **Easy step-by-step configuration process** enables system to generate customized watering schedule for each station to optimize water use and minimize runoff.
- **Reliable, daily local weather data available across the U.S.** from over 9,000 local weather stations monitored 24 x 7.
- **Easy-to-use Web interface** for all critical functions – setting water windows, choosing blocked days, and making watering adjustments.
- **Simple, intuitive navigation** provides landscaper with ability to access any controller at any site from single Web page.
- **Global change feature** permits quick and easy adjustment of all grouped stations across all controllers on a site.
- **Customized, quick-read reports** detail runtime, summarize landscape settings, and flag over or under watering stations or controllers.
- **User-defined water window** with option to include/exclude any station. Automatically carries over required irrigation if water window is exceeded.
- **Establishment schedules** with up to 8 start times per zone gradually revert to self-adjusting schedules.
- **Water budget adjustable from 50% to 400%** in 5% increments on station-by-station basis.
- **Allowable depletion level adjustable from 15% to 50%** for any station.
- **Automatic compliance** with fixed-interval and day-of-week municipal watering restrictions.
- **Station copy feature** to replicate settings from one station to any other station.
- **Defaults for precipitation rate, distribution uniformity and root depth** may be overridden.
- **Secure password-protected access** ensures privacy of all client information.



## SmartBox™ Controller 205

### Hardware and Electrical Specifications:

- **Dimensions:** 14.5" L x 12.5" W x 4.75" D.
- **Weight:** 10 pounds.
- **Plug-in station output modules** available in 8-station increments up to maximum of 48 stations with minimum configuration of 16 stations.
- **Station output terminals sized for up to 12 gauge wire.**
- **LCD display provides output verification** for station being irrigated.
- **Chassis-mounted grounding lug** for added lightning protection.
- **Dual-voltage power operation for 120 or 24 VAC.**
- **All 24V output terminals have surge protection** rated up to 4KV in accordance with IEC 6100-4-5 standard.
- **All outputs protected** by a 2.0 amp self-resetting fuse.
- **Input power draw:** 1.0 amp or less at 120 volts VAC.
- **Each station, booster pump, and master valve output terminal can handle up to two 24V solenoids.**
- **Total controller output is 2.0 amps** which can typically operate 4 solenoids, including master valve and pump relay.
- **In event of power outage,** non-volatile memory retains all programming information indefinitely.

### Optional Accessories

- **High gain antenna** for improved cell reception.
- **Vandal-resistant external mount antenna.**
- **Universal Remote Adapter** provides a quick connection between an ETwater smart controller and a remote control system.
- **Rugged stand-alone pedestal** fits ETwater model 205. Removable cover can be closed with lock and key. Constructed of weather resistant cold rolled steel with powder coating.

### Availability

- Local weather updates and custom irrigation schedules available to ET Water customers from more than 9,000 weather stations throughout U.S.
- ET Water local service personnel and/or distributors available throughout the U.S.

### Communications Technologies:

- **Two-way Internet communication** for downloading ET-based schedules, reporting irrigation and site data, and generating alerts.
- **Communication options:**
  1. Wireless.
  2. Standard telephone line.
- **Automatic email alerts** for notifying users of various conditions. Alerts categorized by severity level:
  1. Courtesy Service Notification.
  2. Warning – Attention Recommended.
  3. Urgent – Attention Required.
- **Alerts sent via email** and posted on user's account page on ETwater Manager Website. Alert conditions include:
  - Any schedule changes made at controller.
  - Irrigation turned off at controller.
  - Loss of communication.
  - Rain sensor activation and resumption of watering.Alerts for optional Flow Monitoring Service include:
  - Shut-offs caused by possible main line breaks or major leaks.
  - Low flow, high flow, no flow or unscheduled flow conditions.
  - Slow leak (continuous flow over 24-hour period).

### ETwater Manager Requirements

- Active email address.
- Web browser: Internet Explorer 5.0 and higher, Apple Safari 2.0, and Mozilla Firefox 2.0.

### Service Features

- Toll-free customer support.
- Web-based customer support.
- Installation support available through certified ET Water installer network.
- Three (3) year Smart Controller limited warranty.