



## THE SMARTLINE® ELEVEN

**SL1600** Consider 11 Reasons why a SmartLine Controller is the Smart Solution!

### 1 MODULAR

Provide expandability for every job and evolving landscapes with the SL1600 4-zone base model — expandable to 16 zones using slide-in SLM4 modules. For larger jobs, choose models SL1620 or SL1624, with permanently-mounted modules. Push-in wiring makes installation quick and easy!



THE IRRIGATION ASSOCIATION  
INTERNATIONAL  
IRRIGATION SHOW

2004  
Winner

EXHIBITOR  
NEW PRODUCT CONTEST  
TURF / LANDSCAPE

### 9 BACKLIT LCD / REAL TIME CLOCK / CALENDAR & NON-VOLATILE PROGRAM MEMORY

No flashlight required in dark basements and garages. No battery required! On board memory chip retains time, date and program information even during a power outage

### 2 MANUAL TEST SETTINGS IN SECONDS

Complete a walk-thru in a fraction of the normal time by running a manual test from 10 sec. — 10 min. in 10 sec. increments



### 10 OMIT TIMES / DAYS / DATES

Automatically comply with local water restrictions; eliminate irrigated water lost to evaporation in the heat of the day; stop irrigation on lawn maintenance days; never water on the date of an annual event (ex: July 4th)

INDUSTRY  
1<sup>ST</sup>

### 3 WEATHER BASED WATERING WITH OPTIONAL ON-SITE WEATHER STATION

SmartLine controllers are really two controllers in one; operate in Standard mode or switch to Auto Adjust mode by simply adding any SLW Series On-Site Weather Station for weather based watering schedules and rain/freeze sensing.



SLW20  
COMMERCIAL ON-SITE  
WEATHER STATION

(US Patent No. 6,314,340)

### 11 SEASONAL % ADJUST BY MONTH

A monthly watering budget % can be set up by program to automatically adjust zone run times for seasonal changes

### 7 RUNOFF ELIMINATOR

Eliminate run off by setting the maximum allowable run time and minimum soak time by program

### 4 BUILT-IN VALVE LOCATOR

INDUSTRY  
1<sup>ST</sup>

Locate hidden valves by simply listening for the audible chatter of the solenoid created by a unique electrical frequency (patent pending)

### 5 ON-BOARD MULTI-METER

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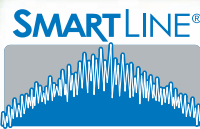
Displays the electrical current reading of each zone for quick troubleshooting and a proactive approach to maintenance

### 6 MASTER VALVE / PUMP SETTINGS

Achieve hydraulic control with settings for zone-to-zone delays, master valve timing, and master valve On/Off by zone

### 8 BACKTRACK STORED PROGRAM™ FEATURE

Allows contractor to easily store a default program and retrieve the saved program in the event a customer improperly reprograms the SL1600



# SMARTLINE® Controllers and On-Site Weather Stations

## SLW Series On-Site Weather Station



SmartLine Controller

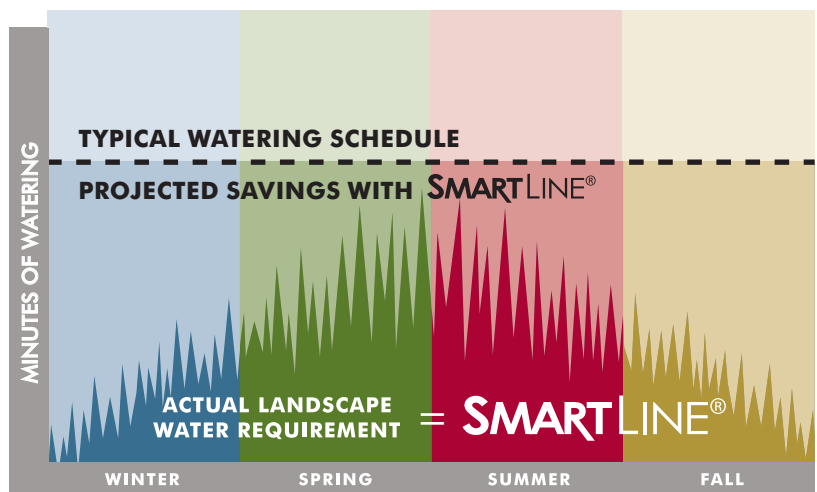
## Truly Smart, Truly Automatic

Now your landscape can be healthy and beautiful year-round while your water bills can be more manageable than ever! The award winning SmartLine controller combines state-of-the-art, patented technology with easy to use features making lawn and garden care simpler and smarter than ever. It's got all the features your contractor needs to ensure your landscape gets just the right amount of water it needs, where it needs it, and when it needs it.

**For the ultimate in convenience, water savings, and landscape health, upgrade your SmartLine controller with an SLW Series On-Site Weather Station.** The weather station readings and controller inputs for plant type and sprinkler type are used by the SmartLine controller to determine the **right amount of water for each zone** of your yard. No more guessing about how long your sprinkler system should run – SmartLine calculates it for you every day in real time so you can **protect your landscape investment and save as much as 20 - 50%+ on your water bill!** Plus, inputs for soil type and slope allow SmartLine to create run and soak cycles to **virtually eliminate wasteful runoff.** As an added bonus, the weather station has integrated rain/freeze sensing so you **never water in rainy or freezing conditions** and **comply with local regulations** requiring rain/freeze sensors.

## Professional Features

- Easy programming with a single dial
- Dual mode operation – Standard mode waters based on user set run times or Auto Adjust mode waters based on actual landscape requirement (see graph) using weather data from the optional SLW Series On-Site Weather Station
- Optional SLW Series On-Site Weather Station includes rain/freeze sensing to comply with local regulations
- Large backlit LCD shows the watering days for the current week
- Modules allow you to add zones as your landscape changes
- Multiple programs and start times per program for custom programming
- Choice of weekdays, odd/even days or interval watering schedules
- Non-volatile memory retains programs even when the power goes out
- Simple manual watering by program with the press of a button
- Tricolor LEDs visually confirm status of your programs – red, orange, or green



## Benefits of Water Management with SMARTLINE®

- Omit Hours (example: 10 am to 6 pm) to comply with the law and avoid watering in the heat of the day when evaporation is high; Omit Days so you never water on lawn maintenance or restricted days; Omit Dates (example: July 4th) so you never water on the day of an annual event
- Rain Delay feature prevents watering for 1 to 7 days before resuming the normally scheduled operation
- Seasonal % adjustment by month and by program allows automatic, preprogrammed watering schedule changes throughout the year (seasonal % adjustment is not used in Auto Adjust mode since actual weather conditions are used to set watering schedule)

