SmartLine®

The Smart Irrigation Controller

With over 500,000 SmartLine Controllers saving vast amounts of water around the world, your next project will be added to the growing list. The SmartLine feature set exceeds that of most high-end controllers, yet was engineered to make ET-Based Water Management affordable for any sized project.

1,000 gallons given per controller

Our mission is to deliver clean drinking water to thousands of families in need, and to inspire our partners to put water first in irrigation, design, installation, and maintenance.

Weathermatic
Save Water. Give Life.

SMARTLINE® FEATURES

TWO CONTROLLERS IN ONE

The "Basic" mode programs exactly like the conventional controllers used by most manufacturers. There's no need to learn a new method. The "Smart" mode is where the power lies. Combined with our SLW Series Weather Stations, SmartLine becomes an ET-Based water-saving controller that automatically adjusts watering times 365 days a year.

SMART MODE

ET Watering adjusts the duration, frequency, and soak time by several factors. Weather Data combined with geographical location, sprinkler type, plant type, soil type, and a fine tuning option, enables your SmartLine controller to make precise watering decisions.

ACCESS YOUR SMARTLINE CONTROLLER FROM VIRTUALLY ANYWHERE

The days of irrigation controllers being programmed once, and left alone for months, is over. Adding the SmartLink Network gives you access to your SmartLine controllers via your Computer, Tablet, or Smartphone. Irrigation Management made simple, affordable, and packed with features.

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

OMIT TIMES / DAYS / DATES SEASONAL % ADJUST BY MONTH BY PROGRAM

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

ADVANCED MENU

The Advanced Menu contains 17 tools, ranging from diagnostics, troubleshooting, and advanced water management tools. Below only scratches the surface.

BUILT-IN VALVE LOCATOR

Locate hidden valves by simply listening for the audible chatter of the solenoid created by a unique electrical frequency. (U.S. Pat #7406363)

ON-BOARD MULTI-METER

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

MASTER VALVE / PUMP SETTINGS

Achieve hydraulic control with settings for zone-to-zone delays, master valve timing, and master valve On/Off by zone
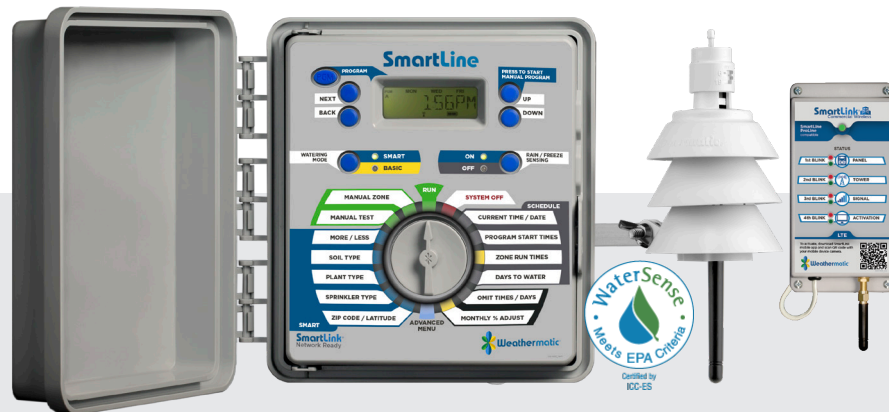
BACKTRACK STORED PROGRAM GROW-IN PROGRAM FEATURE

Allows you to easily store a default program and retrieve the saved program in the event someone improperly reprograms the controller. Allows you to set up a temporary program to grow in new plant material then automatically switch to a day to day program when you decide.

RUNOFF ELIMINATOR

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

BASIC FEATURES

- Upgradable to SmartLink® web-based access (SL1600/SL4800) See page 17
- 4 independent programs - each stacks or can operate simultaneously
- 8 start times per program
- Indoor/outdoor rated
- Zone run times settable from 1 min. to 9 hrs. 55 min.
- Rain/freeze sensing on/off button with tri-color LED indicator
- Rain delay of 1 – 7 days
- SLW5/SLW1 Weather Station rain delay programmable from 0 – 99 hours
- Seasonal % adjust by program, by month
- Omit time of day window, day(s) of week, and up to 7 calendar dates
- Programmable zone-to-zone delay 1 min. – 3 hrs.
- Watering days: custom days of the week, odd/even, or interval days
- Run/Soak cycles by program
- Large backlit LCD display
- Non-volatile memory – with no battery required
- Internal transformer with pre-installed 6' line cord (SL1600, SL1620 only)
- 2 simultaneous watering modes: basic mode and smart mode. Each zone can run in either mode independent of other zones, even in the same program.
- Basic mode: user controlled conventional operation
- Smart mode: daily automatic programming adjustments
- 5 user-selectable languages
- Simultaneous solenoid operation: 3 solenoids (SL800/SL1600), 5 solenoids (SL4800)

SMART WATERING FEATURES

- ZIP Code input or latitude input
- Sprinkler type input
- Plant type input
- Soil type input
- More/less ET tuning
- Watering run times
- Review menu displays accumulated ET deficits by zone
- Display maximum run time and minimum soak time
- Displays temperature readings (daily high/low) for previous 5 days
- Accumulates total run times by zone from the last reset date
- Clear deficits for all zones
- Extended rain delay programmable from 0 – 99 hours

MANUAL OPERATION

- Manual test runs each zone with zone run times from 10 sec. – 10 min.
- Manual zone operation of a single zone (1 min. to 9 hrs. 55 min.)
- Push button manual start of a program from control panel

ON-SITE DIAGNOSTIC/ TROUBLESHOOTING FEATURES

- Fault review displays all faults, including open and shorted zones
- Test function using on-board multi-meter
- Built-in valve locator
- Backtrack Stored Program™

ADDITIONAL FEATURES

- Zone-to-zone delay
- Master valve timing sequence with zone valve programmable
- Master valve/pump start operation assignable On/Off by zone
- Clear program function
- Clear all function
- Grow-in program
- Two independently programmed master valves
- Normally open or normally closed master valve operation
- Real time milliamp display
- Flow sensor data review (requires SmartLink® Aircard)
- Real time flow display (requires SmartLink® Aircard)

THE SMARTLINE® SERIES

STEP 1 — Match the right SmartLine® Controller for your next project.

SL800 - 4 TO 8 ZONE

SL1600 - 4 TO 16 ZONES
SL1620 - 20 ZONE

SL4800 - 12 to 48 ZONES
SL9600TW - 48/96 ZONES 2-WIRE

STEP 2 — Select the zone modules needed to achieve your project's requirements.

SLM2 2 ZONE MODULE
Use with: SL800
base model = 4 zones

SLM4 4 ZONE MODULE
Use with: SL1600
base model = 4 zones

SLM12-1600 12 ZONE MODULE
Use with: SL1600
base model = 4 zones

SLM12-4800 12 ZONE MODULE
Use with: SL4800
base model = 12 zones

SLDEC1 - 1 VALVE DECODER
SLDEC2 - 2 VALVE DECODER
SLDEC4 - 4 VALVE DECODER
SLGDT - Lightning Arrestor

STEP 3 — Enhance your SmartLine® Controller with irrigation management tools.
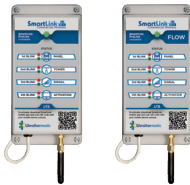
SLW5 Wireless Weather Station

Turns the SmartLine® Controller into a EPA Water Sense Certified system.

SLW1 - Wired Weather Station Available

SLFSI-S / SLFSI-T / SLFSI-B Flow Sensor

Adds complete flow sensing capabilities to the SmartLine® Controller when connected to the SmartLink™ Network.

SmartLink™ AirCard Standard / with Flow

Connects your ProLine or SmartLine controller to the SmartLink™ Network. (Excluding SL800 and PL800)

Flow sensing is only available via the SmartLink AirCard.

The SmartLink™ Network

Access, and manage your SmartLine® Controller with the truly affordable web-based SmartLink™ Network.
learn more: smartlinknetwork.com

ENCLOSURES

Protect your SmartLine® Controller with these options.

Stainless Steel Enclosure with Pedestal

SLPED-ENC-SS
for SL1600, SL4800 / SL9600TW

Stainless Steel Wall Mount Cabinet
SLWM-SS for SL1600, SL4800 / SL9600TW

Powder-coated Metal Enclosure with Pedestal

SLPED-ENC-M
for SL1600, SL4800 / SL9600TW

Powder-coated Metal Wall Mount Cabinet
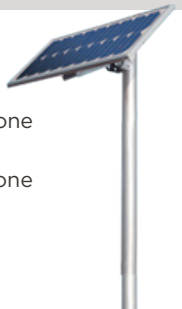**SLWM-M** for SL1600, SL4800 / SL9600TW

Stainless Steel Pedestal
SLPED for SL1600, SL4800 / SL9600TW

SOLAR POWERED

Convert the SL4800 or SL9600TW into a powerful Solar Powered controller and still keep using your 24vac control valves.

SLSOLAR48 - 48 Zone Solar System

SLSOLAR48TW - 48 Zone Solar System, 2-Wire

SLSOLAR96TW - 96 Zone Solar System, 2-Wire

HOW TO SPECIFY

SmartLine® Specifications

MODEL	DESCRIPTION (INDOOR/OUTDOOR)	INCREASE ZONE COUNT	INTERNATIONAL MODEL
SL800	4-Zone Base Model (Indoor)	SLM2 - 2 Zone / up to 8 Zones	E-SL800
SL1600	4-Zone Base Model	SLM4 - 4 Zone / up to 16 Zones SLM12-1600 - 12 Zone / up to 24 Zones	E-SL1600
SL4800	12-Zone Base Model	SLM12-4800 - 12 Zone / up to 48 Zones	E-SL4800

Weather Station Specifications

MODEL	DESCRIPTION
SLW1	Wired Weather Station for ET Based Watering, 35ft of cable provided
SLW5	Wireless Weather Station for ET Based Watering - 1500' Line of Site Range
SLHUB-RF-5	Wireless Receiver - Included with SLW5

SmartWire™ Specifications

MODEL	DESCRIPTION	INTERNATIONAL MODEL
SL9648TW	SmartWire 48-zone 2-Wire Fixed Zone Count	E-SL9648TW
SL9696TW	SmartWire 96-zone 2-Wire Fixed Zone Count	E-SL9696TW
SLDEC1	1-Valve Decoder	
SLDEC2	2-Valve Decoder	
SLDEC4	4-Valve Decoder	
SLGDT	Lightning Arrestor	
SLCONN	SmartWire Splice Kit	
SLCAM	SmartWire Clamp-On Amp Meter	

Pedestal & Enclosure Specifications

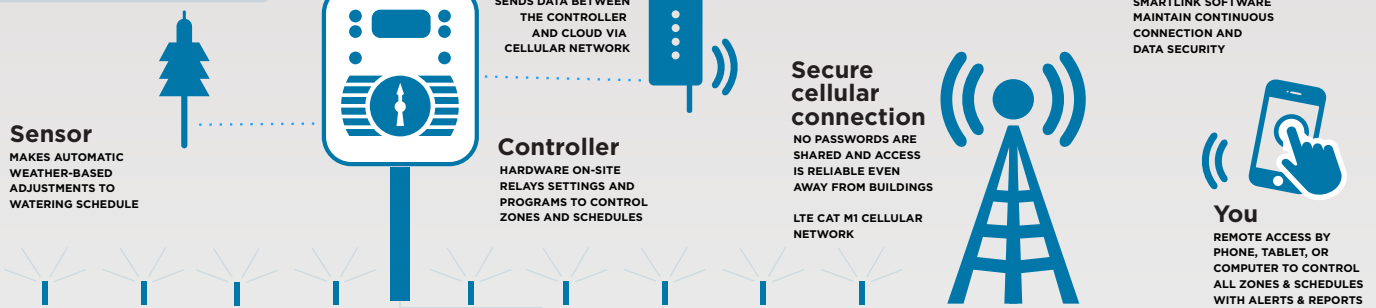| MODEL	DESCRIPTION
SLPED-ENC-SS-4800	Stainless Steel Enclosure with Pedestal for PL4800/SL4800/SL9600TW
SLPED-ENC-M-4800	Powder-coated Metal Enclosure with Pedestal for Stainless Steel Enclosure with Pedestal for PL4800/SL4800/SL9600TW
SLPED-ENC-SS-1600	Stainless Steel Enclosure with Pedestal for PL1600/SL1600
SLPED-ENC-M-1600	Powder-coated Metal Enclosure with Pedestal for PL1600/SL1600
SLWM-SS-4800	Stainless Steel Wall Mount Enclosure for PL4800/SL4800/SL9600TW
SLWM-M-4800	Powder-coated Metal Wall Mount Enclosure for PL4800/SL4800/SL9600TW
SLWM-SS-1600	Stainless Steel Wall Mount Enclosure for PL1600/SL1600
SLWM-M-1600	Powder-coated Metal Wall Mount Enclosure for PL1600/SL1600
SLPED-1600	Stainless Steel Pedestal for the PL1600/SL1600
SLPED-4800	Stainless Steel Pedestal for the PL4800/SL4800/SL9600TW

Irrigate from Anywhere with SmartLink

Get a demo

Go to smartlinknetwork.com or scan the qr code with your mobile device camera

SmartLink
HOW IT WORKS

Sensor
MAKES AUTOMATIC WEATHER-BASED ADJUSTMENTS TO WATERING SCHEDULE

Controller
HARDWARE ON-SITE RELAYS SETTINGS AND PROGRAMS TO CONTROL ZONES AND SCHEDULES

Aircard
SENDS DATA BETWEEN THE CONTROLLER AND CLOUD VIA CELLULAR NETWORK

Secure cellular connection
NO PASSWORDS ARE SHARED AND ACCESS IS RELIABLE EVEN AWAY FROM BUILDINGS

LTE CAT M1 CELLULAR NETWORK

aws
Cloud Internet Server

Cloud-based solution
CLOUD SERVERS AND SMARTLINK SOFTWARE MAINTAIN CONTINUOUS CONNECTION AND DATA SECURITY

You
REMOTE ACCESS BY PHONE, TABLET, OR COMPUTER TO CONTROL ALL ZONES & SCHEDULES WITH ALERTS & REPORTS

weathermatic.com
Support: 888.484.3776
support@weathermatic.com

1,000 gallons given per controller

Our mission is to deliver clean drinking water to thousands of families in need, and to inspire our partners to put water first in irrigation, design, installation, and maintenance.

Weathermatic®
Save Water. Give Life.