

## Technical Specifications

# SLW ON-SITE WEATHER STATIONS

### FEATURES

- Microprocessor records and processes weather data for use in establishing Auto Adjust run times on any SmartLine® controller
- Rain shut-off settable from 1/8 - 1" (3 - 25mm)
- Extended rain delay adds time to rain events before deficits begin to accumulate
- Rain events decrement current deficits in the SmartLine® controller
- Freeze shut-off activated at 37°F (3.0°C)
- Protective white solar shields allow normal air flow while protecting sensor from direct sunlight for accurate temperature readings and eliminating the need for regular cleaning and maintenance of the weather station
- Unit can be mounted in sunlight or shade and in close proximity to the roofline
- Maximum run distance for shielded cable wired units is 3000' (914m)
- Maximum wireless distance from controller to weather station is 600' (182m) line of sight. SLHUB-RF wireless hub included with SLW15. SmartLine® controller firmware version 1.08 or later required.
- On-board diagnostics indicate battery and communication status
- Remote battery strength measurement from the SmartLine® controller
- SLW15: 5" (12.7cm) adjustable arm plastic bracket for gutter thumb-screw or wall mount
- SLW15: Operates on a bi-directional frequency for superior range and reliability

### OPTIONS

- |         |   |
|---------|---|
| SLC100  | 100' shielded cable extension kit with waterproof connector |
| SLC1000 | 1000' shielded cable with 10 waterproof connectors          |

### ELECTRICAL SPECIFICATIONS

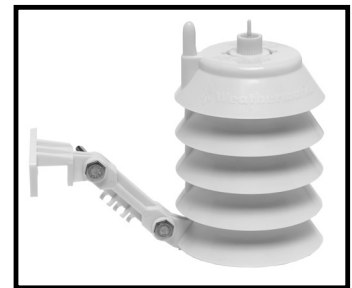
SLW15: 2 AA lithium

### DIMENSIONS

SLW15:  
5 3/4" H x 3 3/4" D (14.6cm x 9.5cm)  
5" (12.7cm) angled mounting bracket



**SLW5**



**SLW15**



## *Technical Specifications*

# **SLW15 WIRELESS ON-SITE WEATHER STATION**

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**WEATHER STATION(S)** shall be model SLW15 or SLW5 manufactured by Weathermatic Sprinkler Division of Telsco Industries. Weather stations must be compatible for use with SmartLine irrigation controls.

**CONSTRUCTION:** Weather station shall be wireless in design using bi-directional communication. Weather station shall have integrated on-site sensors for rain-shut off, freeze shut-off and calculation of daily evapotranspiration irrigation deficits. Weather station shall have an integral mounting bracket with a two-point articulating arm made from high-impact molded resin. Weather station shall be suitable for outdoor mounting in light-commercial or residential environments. Weather station shall be capable of two-way communications with the SmartLine controls and have independent power supply, self-diagnostic circuit and microprocessor.

**OPERATION:** Weather stations rain sensor shall be adjustable to interrupt irrigation after a user selected precipitation amount of 1/8th", 1/4" or 1/2". Weather station shall be capable of interrupting irrigation after temperatures reach below 37 degrees Fahrenheit. Weather station shall provide instant notification to the controller of either a rain or freeze event and upon clearing of the same. Evapotranspiration deficits shall be calculated daily and transferred to the SmartLine controller each day.

**WARRANTY:** Weather station shall have a manufacturer's limited warranty of two (2) years.



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