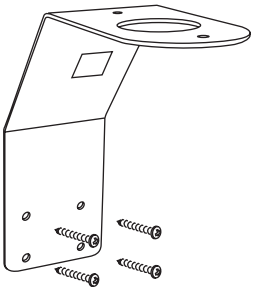
SLW20 Weather Monitor Installation

- Decide on a good mounting location for your SLW20 weather monitor. The mounting location should be one that is not affected by a **heat** source such as an air conditioner, hot roof, hot asphalt, etc. Mount in an area with unobstructed air flow. Mounting is acceptable in both direct sunlight and shade. Additionally, the location must have open access to **rainfall** (cannot be covered by any overhead obstruction such as trees, roofs, etc.). Finally, the SLW20 weather monitor must be installed in a **vertical position**. The SLW20 weather monitor is supplied with 50 foot of communication cable. Additional communication cable (up to 1950 feet) may be added without affecting communication.



- Install the SmartLine weather monitor bracket using the supplied screws.

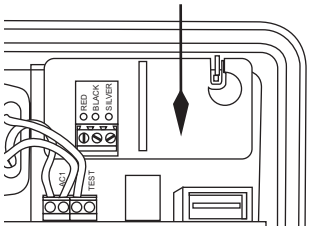
Note: You will need to return to the SLW20 weather monitor to initialize communication.

- Route communication cable to the SmartLine controller.

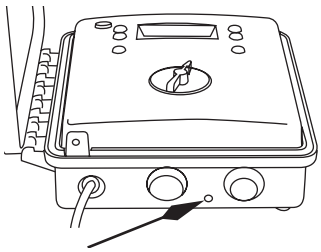
STOP Remove AC power from controller before installing the communication hub.

- Install the communication hub inside the SmartLine controller and secure with the supplied screw.
- Be careful not to bend the connecting pins.
- As desired, cut the communication cable to length (at the controller end) and strip the insulation from the 3 wires to expose the RED and BLACK wires and the SHIELD.

Installed and connected Communication Hub



- Route the communication cable through the low voltage wiring conduit or the small hole in the bottom of the controller housing (as shown in photo).



SMARTLINE SLW20 Weather Monitor Installation Instructions

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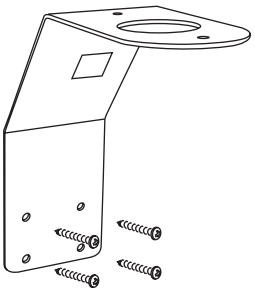

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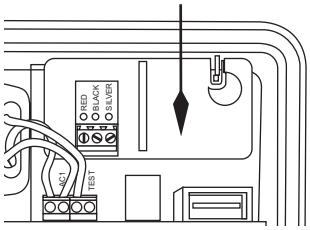

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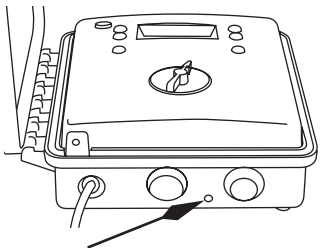


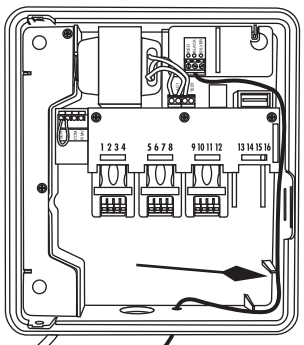
- Continue routing the communication cable along the right side of the controller (use guides) to the communication hub and connect the wires to the terminals on the communication hub.

  Connect the SLW20 weather monitor communication cable leads to the transceiver module as follows (polarity is important):

  RED wire to Left terminal

  BLACK wire to Center terminal

  Shield wire to Right terminal

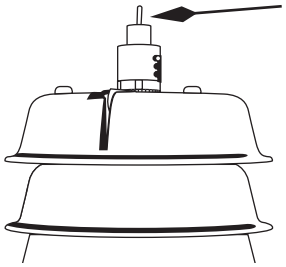


Route communication cable along right side of controller using guides here.

Activating the SLW20 On-Site Weather Monitor:

Verify the time and date are set and the ZIP Codes or Latitude are set on the SmartLine controller before proceeding with SLW weather monitor activation.

On the SLW weather monitor, press and hold down the Rain Sense test tab in the center of the rain sensor for 15 seconds.



On the SmartLine controller, verify that the antenna icon appears on the bottom line of the LED display. The antenna indicates communication has been established.

The SLW weather monitor provides rain and freeze pause functions to prevent watering during periods of rain and freezing weather. The rain override will pause watering after a minimum of 1/8th inch of rainfall is received (the factory setting of 1/8th inch can be changed incrementally up to 1 inch by sliding the rain sensor into the desired position). The SLW weather monitor will also pause watering when the outside temperature drops to 35 degrees Fahrenheit (1.5 degrees Celsius). The Sensor LED will display RED during these rain or freeze periods. 24VAC power to the valves is reconnected when the when the temperature is again above 35 degrees F (1.5 degrees Celsius). However, after a rain event, the SmartLine controller will continue to pause watering for 48 hours after the rain sensor has disengaged, in order to prevent over-watering.

ADSLW20

SMARTLINE SLW20 Weather Monitor Installation Instructions

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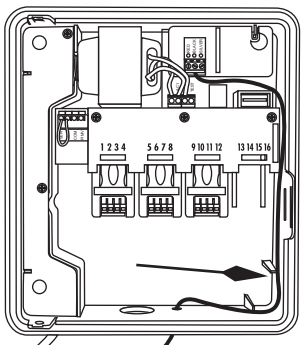

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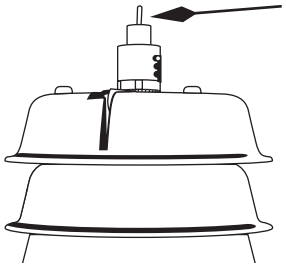

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ADSLW20