



At Atkinson Electronics, Inc. we have expanded the capabilities of Building Automation Systems to include state of the art landscape irrigation control. Built on Tridium's Niagara Framework and developed for landscape managers, our easy to use web resource management software is comparable to, if not exceeding, most of the leading irrigation control systems on the market. It is easily loaded on most Jace Controllers.

Replace your present time clock with adaptive programming, real-time water use logging, leak detection, damaged sprinkler high flow alarming, and water conservation management. The ALIC-20S can be used with existing irrigation equipment or for new installations. Get the most out of your Building Automation System today.

See our real-time on line demo @ [www. atkinsonelectronics.com](http://www.atkinsonelectronics.com) under the heading manufacturing division -> irrigation & Lon Products.

ALIC-20S

Atkinson's Landscape Irrigation Control

- 20 Station System (ALIC-20S) - Using Tridium for Building Automation

SYSTEM FEATURES:

- * Web based graphical interface
- * Web & e-mail alarming
- * Real-time weather service data capable, three levels of access (Manager, Crew, Visitor).
- * Adjustable Rain Delay.
- * Global Season Adjust:
 - * Automatic mode capable of adjusting irrigation amounts by monitoring Outside Air Temperature, Outside Air Humidity, Inches of Rain, Solar Intensity or Evaporation Index sensors individually or collectively.
 - * Temporary system disable on low seasonal adjust level.
 - * Manual override mode.
- * High wind delay.
- * System flow alarming with main valve shut off (used during non-runtimes for leak detection).
- * Supports up to 4 flow meters, 4 moisture sensors, and 3 system pumps.
- * Detailed Site Map(s) with station status for graphics.
- * Station Summary page with 1 step Station testing (variable manual run times).
- * Online help files.
- * Supports up to 20 individual Stations (irrigation zones).

PROGRAM FEATURES:

- * 4 Standard Time Programs:
 - * 2 start times per day.
 - * Start selections: Every day / Even days / Odd days / Every 3-14 days / Day of week.
- * 2 Extra Start Time Programs:
 - * 4 start times per day.
 - * Start selections: Every day / Even days / Odd days / Every 3-14 days.
- * 1 Moisture Control Time Program:
 - * 2 start times per day.
- * All Programs have Auto, Manual Run, Rain Delay, Manual Off modes and runtime logging.

STATION FEATURES:

- * Time or Volume control for each available Time Program.
- * Automatic Volume Needed calculation based on Seasonal Adjust, irrigation Efficiency, irrigation Area, and Inches of Precipitation needed.
- * Individual Flow Meter, Moisture Sensor, or System Pump selection.
- * Auto, Manual Run, Rain Delay, Manual Off modes.
- * Irrigation analysis using Current flow, Average flow, Total Volume, and Flow Status (Normal, High flow, Low Flow) Logs.
- * Self adjusting High and Low flow alarms:
 - * Alarm levels based on "sliding" average flow.
 - * High Flow alarm with valve shut-off option (for mowed off sprinkler head indication)
 - * Low Flow alarm with pump disable option (for valve failure or plugged pump inlet)
- * Moisture Control via ground moisture sensors:
 - * High Level station disable.
 - * Low Level extra cycle enable.



