



CONSERVATION BY AUTOMATION

## MC SMART CONTROLS

The Rainpal smart irrigation controller design is the most recent, state-of-the-art weather based smart irrigation controller available today. The complexity and accuracy of the weather and feature based technology is the most accurate and easiest user experience available. The Only Smart Irrigation Controller Available with Leak Detection and Freeze Protection.

Rainpal is able to connect as many controllers together because they all have their own IP address. This enables us to create a custom client page to enable access to all the sites in one location.

It is designed to allow communication via Access point, WIFI, LAN, 3G, and RS-485 serial port.

A Perfect Solution for the following applications:

- Golf Course
- Municipal
- Agriculture
- Residential
- Commercial



It is our main goal to save water waste and to reduce our water footprint.

### Freeze & Leak protection

The only smart irrigation controller with leak and freeze detection on the market. This allows the user to know when to blow out the system before the freeze begins and to alert the user in realtime when there is a problem within the irrigation system. i.e. stuck heads, open valves or breaks in the line that go unnoticed for days.

### Easy Setup User Interface

Our team has developed a totally user friendly Interface that allows the end user to see how much water is being used, run time, suspend for parties and special events, as well as allowing the user to have more then one property with our management system.

### On Board Access point

The only Smart Irrigation Controllers in the world with this capability. What this means is a person can connect to the unit with any smart device without internet using 4G or a Wi-Fi network. No cabling required. This is an incredible feature! Realize the power of this function (new landscaping control with no internet, no access to home network by the gardener).

### Differentiating Features

Onboard web server, DYN/DNS IP solution, Onboard accesspoint, WIFI|LAN|WAN, API, 3/4G Real Time Local Weather Subscriptions, ET algorithm for specific plant, soil type and sun expositre configuration. Mobile APP, Able to control out door electrical devices (fountains,pool pumps, jacuzzi and lights all from the touch of your smart device.

3G/4G LTE compatible internationally in 180 countries. No other irrigation controller is available with this connectivity today.

