



Introducing the SiteController

Bibaja, LLC
615 Trinkling Creek
Felton, CA 95018
www.bibaja.com

Web-based Control for Irrigation and Outdoor Lighting

CONSERVE WATER. SAVE ENERGY.

Introducing the SiteController by Bibaja. Web-based remote control for irrigation and outdoor lighting.

Conserve water by reducing runoff, detecting leaks, and automatically turning off zones when abnormally high water use is detected. E-mail alerts notify you when repairs are needed.

Save energy by scheduling outdoor lights to operate after the sun sets. Save even more by running ornamental ponds and fountains during the day.

SITECONTROLLER APPLICATIONS

Controls landscape irrigation and lighting for:

- Corporate Campuses
- Parks
- Athletic Fields
- Schools
- Large Residential Properties
- Greenhouses



**Conserve Water, Save Energy
The SiteController by Bibaja**



KEY BENEFITS

- Water savings using schedules designed for irrigation and alerts to detect abnormally high water use
- Automatic shutdown of zones with excessive flow to prevent erosion, wasted water, and damage to your landscape
- Energy savings by scheduling lighting to run only when needed. Additional energy savings by turning off fountain and pond pumps during the night.
- Convenience and simple management through a straightforward web interface.

Key Features

- Nearly unlimited number of schedules
- Cycle and soak to reduce water runoff
- Irrigation system submetering for water usage reports
- Remote access for facility managers and landscape professionals
- E-mail alerts for low/high water usage
- Large 1GB Datalogger memory
- Secure multi-user web interface
- Support for up to 48 zones with internal expansion cards, and 128 additional zones on two-wire expansion network.



Specifications

Power Requirements:

Power Input:

18 to 30 Volts AC, 2 Watts
24VAC/50VA Step-down Transformer with 120,
208, and 240VAC inputs

Power Output:

0.75 Amps, 12 Volts DC, +/-5%
(Protected by PTC self resetting fuse)

Built-in I/O:

Water Meter Input
12V Relay Driver Output (Pump/Master Valve)
0-20ma Analog Output

Available Expansion Cards:

Two-wire Interface
16 Zone Output Card
12 Meter Input Card

Network:

RJ45 10/100 Ethernet Interface

Clock/Calendar/Schedules

365 day Real-time Clock With Automatic Leap
Year Adjust and Supercap Backup.
Sunrise/Sunset Times
Non-volatile schedule storage (schedules retained
through power cycling)

Enclosure:

UV Resistant Polycarbonate
Pad-lockable Draw Latch
Rating: NEMA 3, IP54 Indoor/Outdoor

Operating Conditions:

Temperature: -20C to 70C
Humidity: 95% non-condensing

Warranty

1 Year standard, extended warranty available

