calsense | SMART SOLUTIONS FOR A THIRSTY WORLD™

CS3000

The Calsense CS3000 Controller is a powerful smart irrigation and resource management solution offering an easy and effective way to conserve water and labor. With its included cloud software, the CS3000 smart irrigation controller uses weather data and other factors to determine the optimal irrigation schedule, which enhances the landscape's beauty while minimizing water usage.

The CS3000 is designed for durability and long life, using premium materials and components. Its modular design allows users to configure the controller for exactly what they need, or to add functionality at a later date; and the always connected Calsense Command Center Online software ensures anywhere access with a desktop computer or mobile device and a web browser.

Perhaps most important, with Calsense, your organization enjoys support for the life of the controller, including a helpdesk, field-based local support, ongoing training, a 10-year warranty, and regular software updates and optimizations using machine learning.

DURABILITY AND MODULARITY
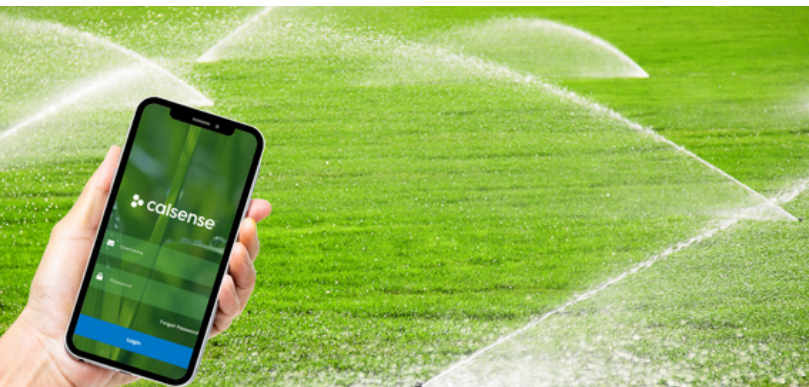
COMPREHENSIVE SUPPORT

10-YEAR WARRANTY

Specifications

Software Features

- Unlimited irrigation programs
- Smart irrigation scheduling, using weather, plant material, soil texture, head type, slope, typical sun exposure and precipitation
- Automatic schedule adjustments based on real-time ET (evapotranspiration), rain, and soil moisture
- Advanced flow monitoring, with automatic shutoff and alerting
- Flexible and customizable watering schedules to meet local water restrictions
- Advanced budgeting to ensure water usage does not exceed specified thresholds
- Water usage reports by mainline, point of connection, and individual station
- Designed for simplicity, using groups to assign similar characteristics to multiple stations at once
- Easily manage 10+ controllers sharing water sources with our unique FLOWSENSE® technology, optimizing resource sharing
- Granular role-based access control using individual PINs to grant and restrict access to features in the field.

CONTACT US   CALSENSE.COM   760-438-0525

Specifications

Hardware Features

- Programming and troubleshooting on-site at the controller or remotely from any Internet-connected device
- Fine tuning with percent adjustments at both the station and group level
- Supports 8 to 128 stations when using both conventional (up to 48 stations) and 2-Wire, or 2-wire only
- Irrigate up to 6 stations concurrently
- Up to 4 independent light outputs for managing facility lights or water features
- Easy terminal connections for field wiring
- Stainless steel wall-mount or pedestal enclosure options
- Connectivity to Command Center Online over cellular, Ethernet, or Wi-Fi
- 10-year limited warranty

Communications Options

- **4G LTE:** 4G LTE cellular (CS3-GR-KIT)
- **Wi-Fi:** 2.4GHz and 5GHz, 802.11ac Wi-Fi (CS3-WEN-KIT)
- **Ethernet:** 10/100 Mbps Ethernet (CS3-EN-KIT)
- **Spread Spectrum Radio:** 900 MHz radio to share real-time data with controllers (CS3-SR-KIT)
- **Hardwire:** Ability to connect controllers together controllers together to share real-time data (CS3-M-KIT)

Other Options

- **2-Wire:** Interface to connect Calsense 2-Wire decoders, including 2-station, point of connection, and soil moisture sensing (CS3-2W-OPT)
- **Weather Device Interface:** Interface to connect on-site weather devices, including tipping rain bucket, wind gage, and rain and freeze switches (CS3-W-KIT)
- **8 Station Add-on**: Module to install an additional eight conventional stations (CS3-8STA-KIT)
- **Flow Sharing:** FLOWSENSE® Software to share real time data among multiple controllers (CS3-FL)
- **Light Control**: Four 24VAC outputs for lights or water features (CS3-L-KIT)

Power Specifications

- **Input requirement**: 120VAC single phase, 1 amp
- **Station outputs**: 24VAC, 2.0 amps max (short protected)

Physical Specifications

- **Wall-mount**:
  - **Height**: 16.25" Width: 14.50"
  - **Depth**: 7.25"
  - **Material**: 14-gauge SAE 304 stainless steel, powder coated
  - **Color**: Medium Gray
- **Pedestal**:
  - **Height**: 38"
  - **Width**: 14"
  - **Depth**: 12"
  - **Material**: 14-gauge SAE 304 stainless steel

UL LISTED

WaterSense Meets EPA Criteria
Certified by ICC-ES