

EZConnect **SHARE** **8250 Series**

SERIES NAME;

EZ Connect

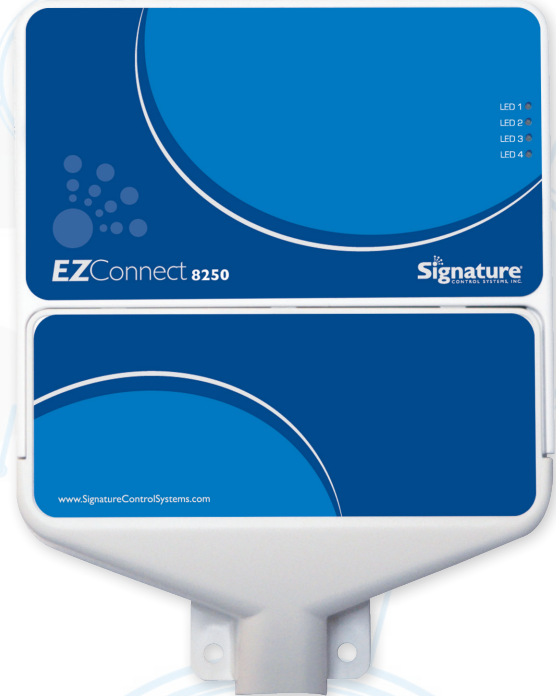
A Signature Share Controller

Access the EZ Connect controller via the Signature Share web site on any internet accessible PC, Tablet or smart phone or use the Signature iPhone / iPad App. Create new programs, modify existing programs or just review operations whenever and where ever. Utilize intelligent watering wizards to setup accurate watering schedules for all agronomic situations; operate in Intelligent format with evapotranspiration (ET) rates automatically downloaded daily or in Standard format with multiple levels of water budgeting available to manage seasonal adjustments.

8250 Series

ITEM DESCRIPTION

Web based indoor 12 zone controller with 2 sensor inputs for a rain switch and a flow sensor; master valve/pump start and 2 expansion ports for add-on modules to improve the functionality of the controller to suite the individual customer needs. Simply plug in a LAN cable to the integrated Ethernet port and the controller is ready for use.



ITEM HIGHLIGHTS

Plug and play installation, access to your own web portal on the Signature Share™ website, with no sign up fees or reoccurring monthly expenses. No complex display or keypad; operate exclusively via the web. The controller has 12-individually controlled outputs, capable of operating standard 24VAC-Solenoid valves. Two expansion slots that allow for customization to meet the needs of the project through the available add-on modules and additional sensor inputs.

FEATURES

- 100% Web Controlled via Signature's intuitive SCS Share Internet platform.
- No dedicated PC application or monthly subscription required
- Control / Monitor the 8250 via any internet connected device – PC, tablet, smartphone, etc.
- Dedicated App available for iPhone or iPad. Droid App also available.
- Real Time Clock synchronized to the web
- Built in...10Mbit Ethernet port for ease of connectivity – connect directly to a router or switch, or integrate a 3rd party Wi Fi or power line adapter.
- Backup of configuration and watering schedule data on SCS Servers for data redundancy.
- Two expansion add-on modules, ports for a grow your units capability with sensor interface, or decoder controller (not yet available)
- Twelve independent programs with 4 start times each
- Schedules integrate 365 day calendar with water budgeting by month
- Programmable sensor port functions as a switch (i.e. rain or wind switch) or pulse (i.e. flow sensor)
- Dedicated pump/master valve output that functions in normally open or normally closed mode.
- Pump / MV output integrates programmable prime period per station.
- Stations are individually configurable for pump operation
- AC current monitoring for overload detection and alerts.
- Pushbutton for manual station sequencing
- Led indicators for assessing device status

WATER MANAGEMENT FEATURES

- Intuitive programming application
- 12 independent programs with stacking start times plus an intelligent watering option by zone
- Sensor compatible; sensor port for N/C [Normally Closed] sensor such as a Rain Switch [PN#8501]
 - 1 sensor port for a pulse device for example, Flow sensor [PN#ACIR220P-1]
 - 2 expansion slots for sensor options
- Optional daily ET download of site specific evapotranspiration [ET] information
- Optional Smart watering programmability incorporating micro climate detail
- View operation and download reports
- Individual runtimes to the minute
- True calendar clock (leap year compatible) with day light savings mode
- Scheduling options: Monthly, odd/even, interval (1-31 days)
- Ability to program operation around local watering restrictions
- Zone run times from one minute to 11 hours 59 minutes

- Intelligent option for smart watering with daily ET downloads by zone
- Advanced water budgeting can be set in each program by month from 0 to 200 percent

OPERATING SPECIFICATIONS

- Station outputs and capacity; 12 x 24VAC outputs; max load per station = 0.50Amp
- Station timing: 1 minute to 11:59 hours
- 12 programs each with 4 start times
- User Interface; no keypad or display; exclusively programmable via the Share platform via Smartphone's, tablets or PC with internet connectivity
- Scheduling options: Monthly, odd/even, interval (1-31 days)

DIAGNOSTIC FEATURES

- 1 Amp self resetting PolySwitch for short-circuit zone protection
- Manual test button on controller for maintenance without an internet connection
- Station current monitoring of the station wiring and valve solenoid

ELECTRICAL SPECIFICATIONS

Input; 120VAC \pm 10%, 60Hz [USA & Canada] or 230VAC \pm 10%, 50Hz [International]
 Output; 24VAC, 0.83Amp
 Station Capacity; Two 24 VAC, 6VA solenoid valves per station, plus a master valve maximum loading

COMMUNICATION SPECIFICATIONS

- Type; Hardwire Ethernet 10/100, RJ-45 Connector
- Additional Item may be required for operation if LAN cable is not available at the controller site; sold separately
 - Ethernet to Power Line Bridge [PN# SREPM], or
 - Ethernet to Wi-Fi Bridge [PN# SRWFM],
- Optional Items; Digital Flow meter [PN# ACIR220P-1], Soil Moisture Sensor [PN# ACAS2], Rain Switch [PN# 8501]

CERTIFICATIONS

UL, cUL, CE, CSA, C-Tick, FCC Part 15

DIMENSIONS

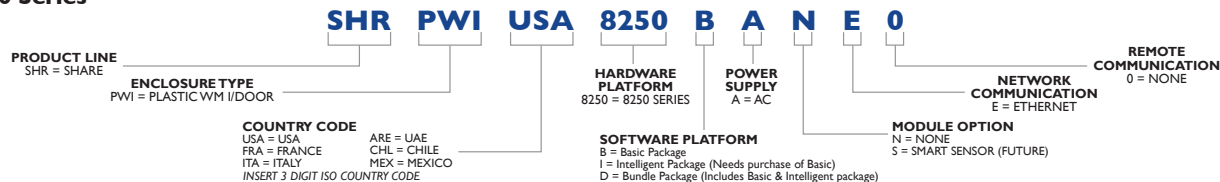
Width – 7" [17.8cm]
 Height – 5 3/4" [14.3cm]
 Depth – 2" [5.1cm]

OPTIONAL ACCESSORIES

SCS-SHARE Intelligent watering and ET download upgrade

MODELS

8250 Series



SIGNATURE CONTROL SYSTEMS, INC.

www.SignatureControlSystems.com

WORLD HEADQUARTERS

16485 Laguna Canyon Rd., Suite 130 • Irvine • California • 92618
 Tel: 949.580.3640 • Fax: 949.580.3645

MANUFACTURING FACILITY

8800 N.Allen Rd., • Peoria • Illinois • 61615
 Tel: 949.580.3640 • Fax: 949.580.3645

EUROPE & MIDDLE EAST

5 rue de la Vallee Yart • 78640 Saint Germain de la Grange • France
 Tel: +33.13.489.9056 • Fax: +33.13.489.6025

USA TOLL FREE:

866.4SIGNATURE