



# SHARE™ 8700D

Outdoor, 50, 75, 100, or 125 Station (2-wire Decoder), Choice of Integrated Cellular or Wi-Fi Modem, Web-Based Smart<sup>†</sup> Irrigation Controller for Residential and Commercial Applications.

Features Signature's Share™ ground-breaking, advanced system control technology to provide landscape professionals tools to increase productivity and profitability.

## Key Feature/Benefits:

### Remote Control

Remote access to the controller via a mobile app allows contractors to operate the controller from virtually anywhere without the need of landscape owners to be present

### Total System Control

Total irrigation system control from anywhere allows managers to perform site-wide commands, conduct remote diagnostics, and carry out a host of additional functions from any internet-connected computer, eliminating the need to travel to each controller individually, saving you time and money

### Weather-Based

Employs the industry's most advanced algorithm and software system to reduce water use by adjusting watering schedules automatically. Saves up to 40% or more water while keeping plants healthy and green (intelligent models only) giving owners a fast payback period

Employs real time ET data calculated wirelessly by using nearby weather stations eliminating the need and cost of installing and maintaining a dedicated weather sensor

### Web-Enabled

"Pre Internet-Connected Programming" allows contractors to program the controller prior to installation, increasing productivity

"Sensor Sharing," links any controller to sensor inputs from any sensor connected to any Share™ controller site wide, eliminating the need to purchase and install multiple sensors

Future software upgrades are automatically downloaded into the controller, extending the life of and improving the benefits of the controller over time

## Additional Features:

### Remote Control

- "Soft AP Mode" manual operation allows contractors to run stations manually using the mobile app even if the controller is offline (Wi-Fi models only)

### Total System Control

- Individual Controller, Site-Wide and Global Rain Delay: Temporarily pause the operation of a single controller or an entire site by using the mobile app or online account. Eliminates the need to drive to each site and manually turn off each controller
- Site-wide event triggers: Enables landscape managers to program an action for any controller(s) based on an event or condition at any other controller
- Automatic Alarms, Alerts and Notifications: Makes landscape managers aware of problems as they arise allowing them to resolve issues immediately before they become a problem
- Flow Monitoring: Automatically detects "over flows" then shuts down the system and alerts managers, saving water and preventing damage due to erosion (flow sensor required)
- Custom Reporting: Generate "Flow" and other reports to communicate system performance
- Uniform programming among all Share™ models makes it easy to mix and match additional controllers on the same site

### Weather-Based

- "Basic" and "Intelligent" programs available: Allows users to run traditional programs and ET-based programs on the same controller (a basic program for planters under a patio cover for example)
- EPA's Water Sense Designation: Qualifies for rebates with many water districts (Intelligent models only)

### Web-Enabled

- Encrypted and password protected software protects against hackers and unwanted controller access
- No Battery Needed/Perpetual Backup: Programs reside in the controller and in "the cloud" meaning you'll never lose a program, time or date setting again
- Multi-user/multi-level access: Grant or restrict access to the controller, giving you complete control over who can operate the controller and at what level

### Cutting Edge Hardware

- Automatic surge protection and diagnostics: Alerts managers to faulty solenoids, wiring and electrical problems
- Backwards and forwards compatible, extends the life of the controller
- Manual Start button on the controller allows contractors to run each station manually from the controller without the use of Signature's mobile app
- Utilize Signature's 2-wire decoders to operate up to 125 stations
- Integrated RF Access Point for future wireless expansion
- Connect up to 30 sensors through the Smart Sensor Port to maximize control over micro climate conditions

### Flexible Scheduling

- 64 programmable irrigation events allow you to schedule multiple soak times within a schedule
- Parallel Programming allows you to run two stations simultaneously to maximize watering within a defined time frame
- Stacking Start Times: Pauses the next station in the sequence until the previous station has completed its cycle. Prevents actuating too many valves for the capacity of the system
- Water Budget: Allows managers to easily adjust the amount of water applied in a program by percentage amount

## Communications

**Built-in Wi-Fi:** IEEE 802.11b/g/n compatible  
**Cellular Modem:** CDMA or GSM

## Technical Specifications:

	USA & Canada	International
<b>Power Input:</b>	120V AC, 60Hz	230 VAC, 50Hz
<b>Station Outputs:</b>	24V AC, 1 AMP	24 VAC, 1 Amp
<b>Max Load per Station:</b>	1 AMP	1 AMP
<b>Station Capacity:</b>	Two 24VAC, 6VA solenoid valve per station plus a master valve maximum loading	

## Dimensions/Weight

<b>Unit Dimensions:</b>	9" (22,9 cm) x 12" (30,5 cm) x 5" (12,5 cm)
<b>Unit Weight:</b>	6lbs (2,7 kg)
<b>Carton Dimensions:</b>	9 1/4" X 13" X 6 3/8" (23.5cm X 33cm X 16.2cm)
<b>Shipping Weight:</b>	6.5lbs (2,9kg)

## Controller Specifications

<b>Model Type:</b>	Outdoor
<b>Enclosure Type:</b>	Plastic, Wall Mount
<b>Programming Type:</b>	Basic or Intelligent models available
<b>Number of Stations:</b>	1 to 125
<b>Number of Programs:</b>	16
<b>Programmable Events:</b>	64
<b>Number of Start Times:</b>	4
<b>Run Times:</b>	1min to 17 hrs 59min
<b>Integrated Sensor Terminals:</b>	2
<b>Smart Sensor Port:</b>	1
<b>Master Valve/Pump Starts:</b>	1
<b>Scheduling Options:</b>	Select Day(s) of Week Select Day(s) of Month Select Day(s) of Year Select Days to Skip (1-99 Days) Odd/ Even Select Any Day On or Off

## Certifications

**Industry/Testing:** UL, cUL, CE, CSA, C-tick, FCC Part 15

**EPA Certification:** EPA WaterSense

**Warranty:** 2 years parts and labor



## How to Order a Share™ Controller

Share™ controllers can be configured to the specific needs of your irrigation site. Choose among the options below to determine your model number.

\*Signature 2-Wire Decoders are available with the following configurations:

Model	Description
CD111	1-Station Decoder G1, 1-Solenoid per Station
CD111DC	1-Station DC Latching Decoder, 1-Solenoid per Station
CD112	1-Station Decoder G1, 2-Solenoids per Station
CD122	2-Station Decoder G1, 2-Solenoids per Station
CD132	3-Station Decoder G1, 2-Solenoids per Station
CD142	4-Station Decoder G1, 2-Solenoids per Station

### Example Model Number

8700D-75-I5-USA*				
Model	Zones	Program Type	Network Communication Type	ISO Country Codes
8700D	50	B	4	USA ISO**
	75		5	
	100	I	10	
	125			

### \* Configuration Key

Model:	8700D
Zones:	50, 75, 100 or 125 zones
Program Type:	B = Basic I = Intelligent (Weather Based)
Network Communication Type:	4 = GSM (Cellular) 5 = CDMA (Cellular) 10 = Integrated Wi-Fi
ISO Country Codes: (Controller Location)	USA = United States ISO** = ISO Country Code

† Note: All features and specs are subject to change. This product may be purchased with either Basic or Intelligent Watering programming capabilities. For Smart Irrigation Control please specify the Intelligent model when ordering. Rebates apply to Intelligent models only. To upgrade from Basic to Intelligent Watering functionality can be done directly through the Signature web site, the Share app and through authorized Signature distributors.