Quick Start Guide

SCS-Share™ 8603

Communication Module

Quick Start Guide

For Programming and Setup Instructions Visit:
www.SCS-Share.com

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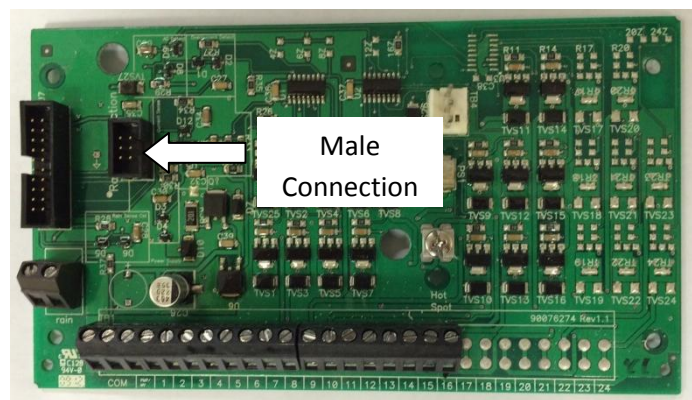
INSTALLING THE SCS-SHARE™COMMUNICATIONS MODULE

The SCS-Share™ 8603 Communication Module attaches easily to the printed circuit board (PCB) of the 8600 controller. Some models come with the module factory installed. If you are connecting the module yourself, first disconnect the power to the 8600 controller. Line up the female connector on the module to the male pins located towards the left side of the PCB and attach the module. Use the two screws (included) to secure the module to the PCB (See Figures 1 and 2 below). Reconnect the power source.

Figure 1   Figure 2 (not to scale)

Female Connection
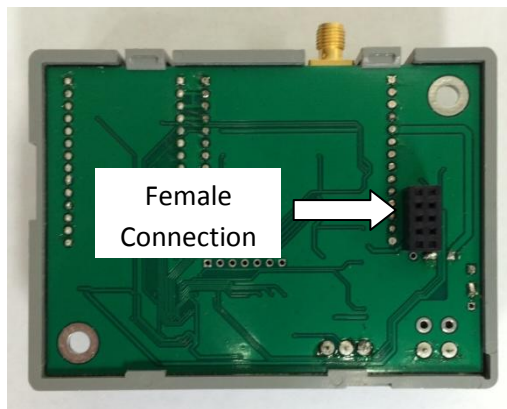
Back Side of Module

Male Connection

8616 PCB (your PCB May Look Slightly Different)

CONNECTING A MASTER VALVE/PUMP START TERMINAL

The SCS-Share™ Communication Module is equipped with a Master Valve / Pump Start circuit to operate either a pump-start relay or a master valve (see *Figure 3 on page 4*). This connection must be used when in the remote mode. To enable the Master valve / Pump Start to be used in either the Remote or Local mode install a jumper wire as indicated in *Figure 4 (on page 4)* . A properly connected Master Valve or Pump Start relay will have its common wire connected to one of the common terminals on the EZ Pro™ terminal strip and the hot wire connected to the terminal labeled PMP/MV along with the jumper wire connected to the SCS-Share™ Communication Module MV terminal. Refer to the pump-start relay manufacturer's instructions for specific installation details.
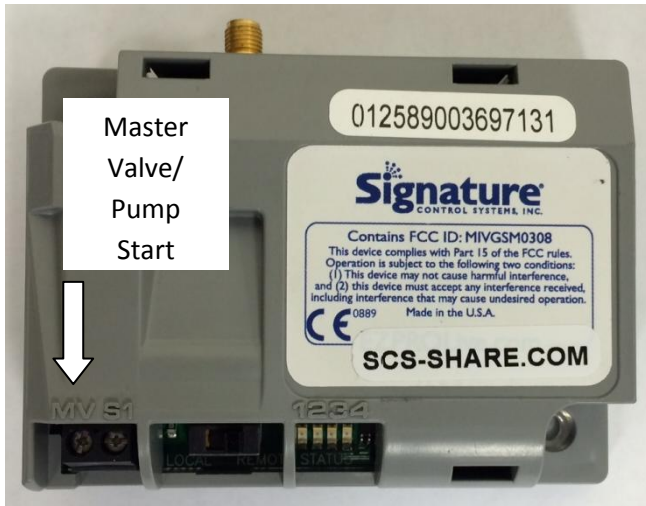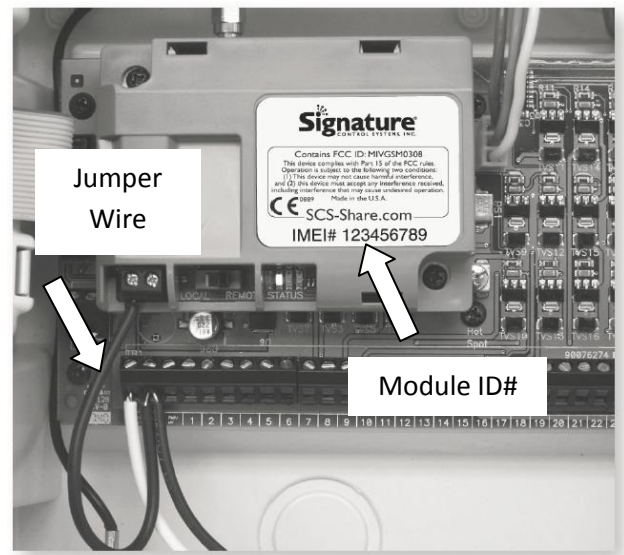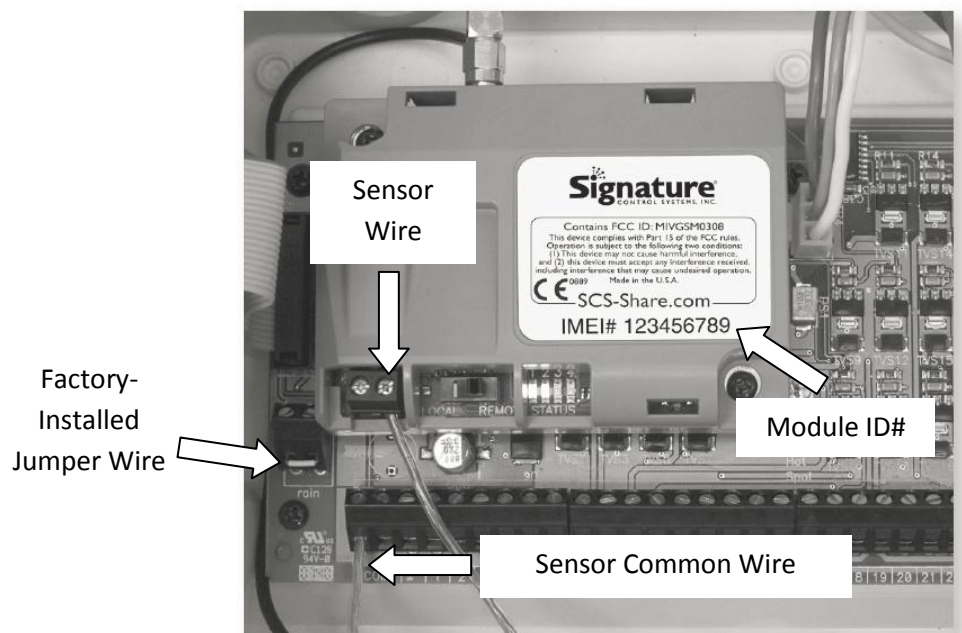
Figure 3

Master Valve/ Pump Start

012589003697131

Contains FCC ID: MIVGSM0308
This device complies with Part 15 of the FCC rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference,
and (2) this device must accept any interference received,
including interference that may cause undesired operation.
0889   Made in the U.S.A.

SCS-SHARE.COM

Figure 4

Jumper Wire

Module ID#

IMEI# 123456789

CONNECTING A RAIN SENSOR

The SCS-Share™ Communication Module is equipped to operate a sensor with normally-closed leads. To install a sensor, leave the factory-installed jumper wire on the EZ Pro™ terminal strip and insert one sensor wire into the S1 terminal and the other sensor wire into one of the Common terminals on the EZ Pro™ terminal strip as indicated in *Figure 5*. Refer to the sensor Manufacturer's instructions for specific installation details. If a sensor has suspended watering, the sensor indicator segment will appear on the LCD. The symbol will go off when the sensor has dried out and will resume operation based on the program.

Figure 5

Sensor Wire

Factory-Installed Jumper Wire

IMEI# 123456789

Module ID#

Sensor Common Wire

LOCAL/REMOTE OPERATION SWITCH

The SCS-Share™ Communication Module is equipped with a 2 position slide switch which will enable you to set the EZ Pro™ to either the Remote or Local mode, see *Figure 6*. When in the Remote mode the EZ Pro™ will only execute commands via SCS-Share.com. When in the local mode the EZ Pro™ will operate from its native interface only. If the slide switch is in the Local position the Unit cannot be taken out of the Local mode remotely.

Figure 6

CONNECTING TO THE INTERNET

The Share8603 Communications Module converts your traditional EZ Pro 8600 controller into a web-enabled Share™ controller. Once installed and the controller is powered up, your controller will automatically establish connection to the internet. You will know the controller is online when LED 1 is flashing, LED 2 is solid and the remaining LEDs are off. This normally takes 2 to 3 minutes (See LED Table on page 11).

CREATING A USER ACCOUNT

Step 1: Go to www.SCS-Share.com.

Step 2: Click on "Create New Account."
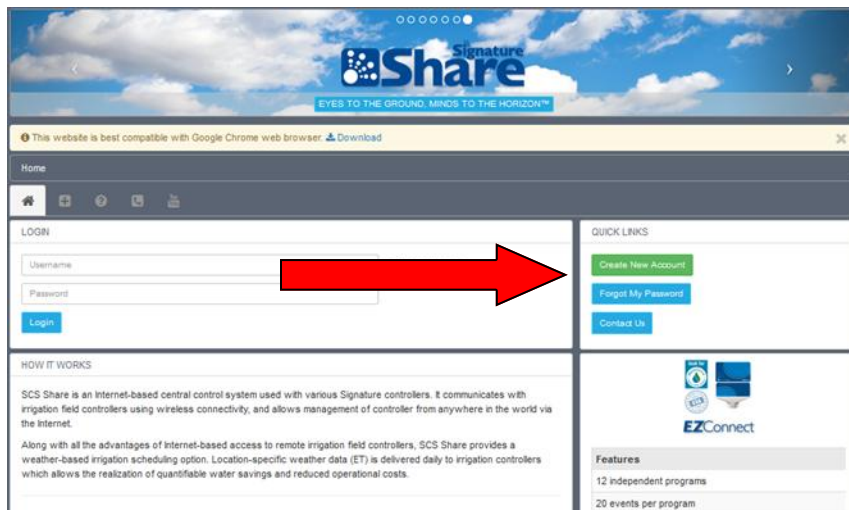
Step 3: Fill out the required information and click "Apply."

Note: Do not enter any spaces in the "Captcha" code.

CREATE NEW ACCOUNT

First Name

Required

Last Name

Company Name

Category

Email Address
username@domain.com

Confirm Email Address

Phone Number

Username
Username can not contain white space

Password

Confirm Password

WEBS MNF

Captcha
Please enter the text above

Cancel   Apply

Step 4: Log into the account you just created using your username and password.

DOWNLOADING THE MOBILE APP

The SCS Mobile App is available for free at the iPhone and Android App Stores. Search for "SCS Share" to find and download the app.

Versions Supported:
iOS: 8.4 or above (iPad and iPhone supported)
Android: 4.4 or above, V 5.0 recommended. (Tablet and smart phone supported)

ADD YOUR CONTROLLER TO YOUR ACCOUNT

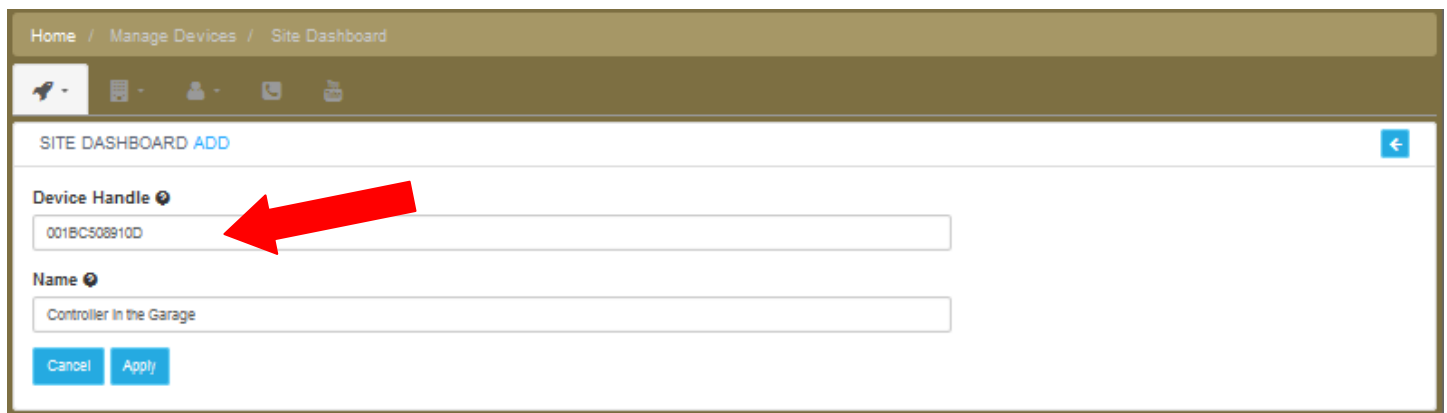**Step 1:** Click on "Add Device" then "Add Access Point Device."
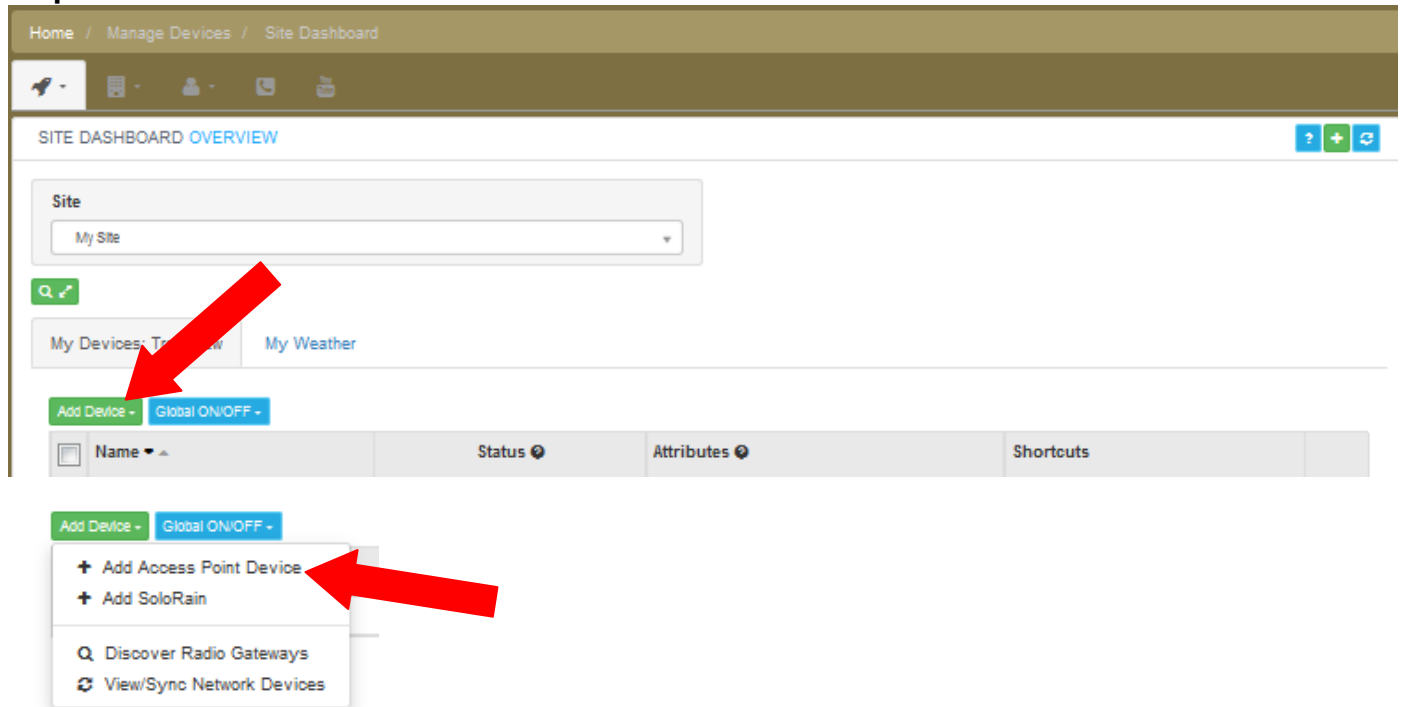
Step 2: Type in the module's identification number in the text box labeled "Device Handle." (See Figure 5 on page 4)

Step 3: Name the controller.

Step 4: Click "Apply."

Step 5: Click "Done."

Step 6: Verify that your controller is online and linked to your account. The name of your controller should be listed on the "Site Dashboard" home screen with a green triangle in the "Status" column, indicating the controller is linked to your account and online.
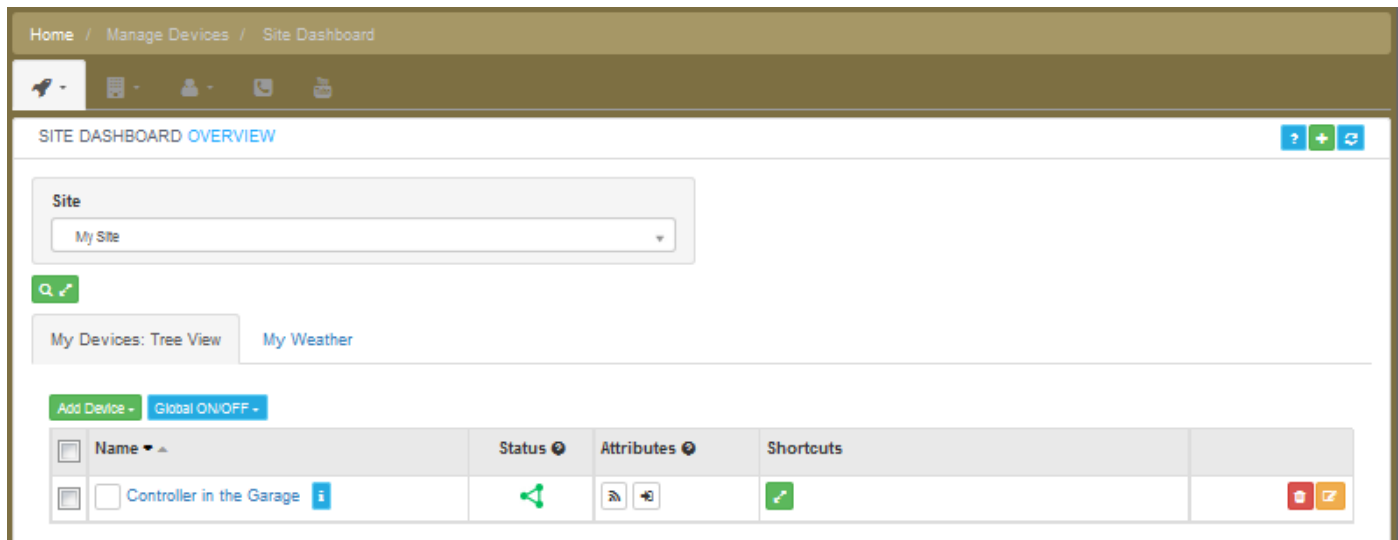
Step 7: Set the Time Zone and Location of your controller by clicking the "information icon" then the "edit" icons.
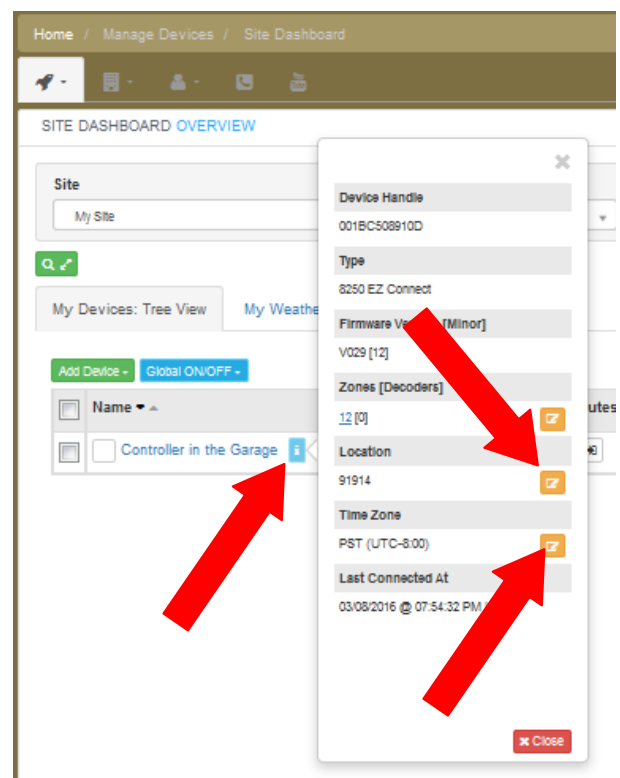
Step 8: Name your valves: From the Manage Devices drop down menu, select, "Names/Descriptions"
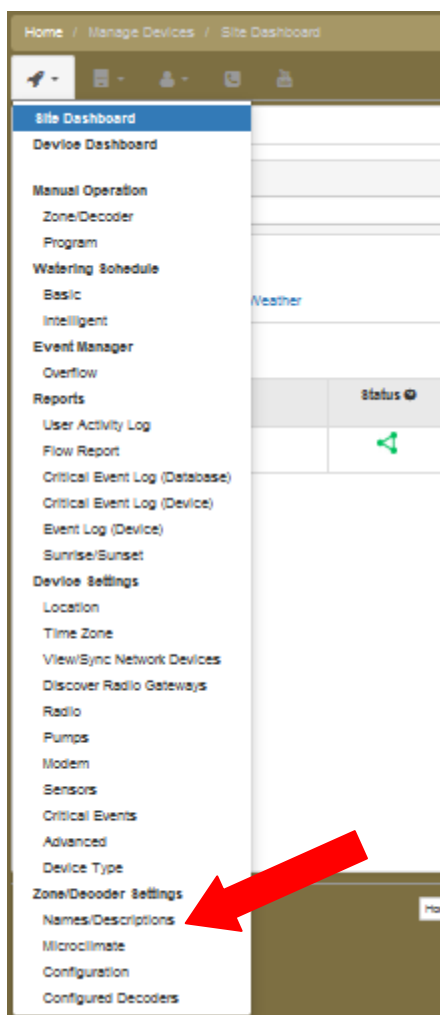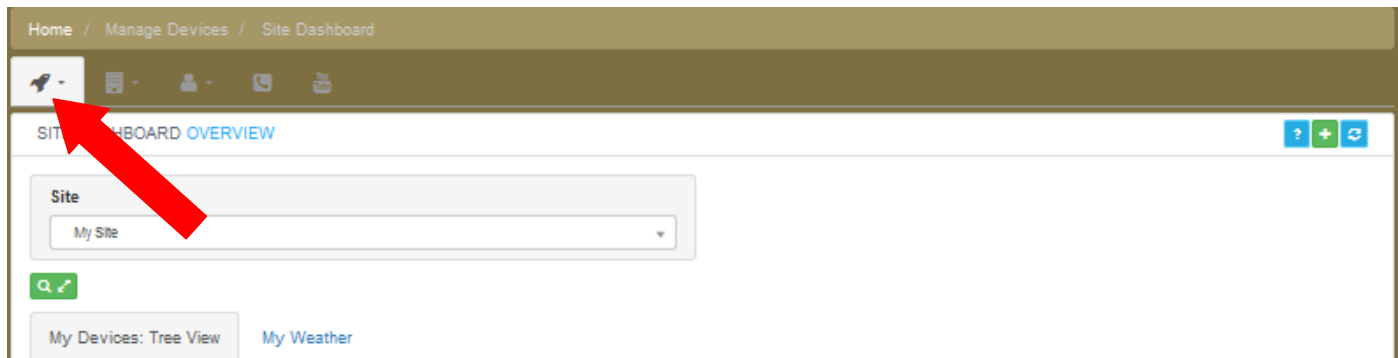
Then name each valve and click "Apply"

LED TABLE

LED State	LED 1	LED 2	LED 3	LED 4
Waiting for Modem Power up/Supercap charging. This will appear as a bar graph (left to right) as the cap voltage increases to the set point.	ON/OFF	ON/OFF	ON/OFF	ON/OFF
1 Sec tick	FLASH	N/A	N/A	N/A
Command Mode. No forwarding of data between the modem and peripheral port in this mode.	**FLASH**	FLASH	ON	OFF
Waiting for Modem DSR	FLASH	OFF	ON	ON
Waiting for Modem GSM + GPRS Network Registration	FLASH	OFF	ON	OFF
Setting Network Time	ON	ON	OFF	OFF
Waiting for TCP Connection	FLASH	OFF	OFF	OFF
Modem registered and in Data Mode	FLASH	ON	OFF	OFF
System ON	FLASH	ON	OFF	OFF
System OFF	FLASH	ON	OFF	ON
Remote Bypass	FLASH	ON	ON	OFF
Station Active	FLASH	ON	ON	ON

STATEMENT OF CONDITIONS

In the interest of improving internal design, operational function, and/or reliability, Signature Control Systems, Inc. reserves the right to make changes to the product described in this document without notice. Signature Control Systems, Inc. does not assume any liability that may occur due to the use or application of the product(s) or circuit layout(s) described herein.

Federal Communications Commission (FCC) Compliance Notice: Radio Frequency Notice
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Canadian Department of Communications Radio Interference Regulations
This digital apparatus (SIGNATURE CONTROL SYSTEMS Model 8600 does not exceed the Class B limits for radio-noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

WARRANTY SIGNATURE CONTROL SYSTEMS, INC LIMITED WARRANTY AND DISCLAIMER: TURF PRODUCTS

1) Signature Control Systems, Inc. ["SCS"] warrants to the owner (the "Buyer") that all new products, as featured in the current Signature Turf Catalog at date of purchase will be free from original defects in materials and workmanship for the time periods described below, provided they are used for approved purposes under manufacturer's recommended specifications.

2) This warranty is given expressly and in place of all other expressed or implied warranties of merchantability and fitness for a particular purpose. This is the only warranty made by Signature Control Systems, Inc for Turf products. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

3) During the warranty period, SCS will repair or replace, at SCS's sole discretion, any part to be found defective with prior written authorization. Buyers remedy is limited solely to the replacement or repair of the defective parts.

4) This warranty does not apply (i) to Acts of God including without limitation, lightning and flooding; or (ii) to products not manufactured by SCS when used in conjunction with SCS products; or (iii) where equipment is used, or installation is performed in any manner contrary to SCS's specifications and instructions, nor where equipment is altered or modified.

5) Signature Control Systems, Inc. reserves the right to redesign, alter or modify its products at anytime and does not, and will not, assume any liability with respect to obsolete inventory arising there from.

6) Neither SCS nor its affiliates are liable for any indirect, incidental or consequential damages in connection with the use of equipment, including but not limited to: vegetation loss, the cost of substitute equipment or services required during periods of malfunction or resulting non-use, property damage or personal injury resulting from installer's actions, whether negligent or otherwise.

7) No agent or representative of SCS, nor of any distributor, retailer, lessor or installer of the system, has any express or implied authority to make any representation, promise, guarantee or warranty not stated here. SCS disclaims any warranty of merchantability or fitness for a particular purpose, or any other warranties that extend beyond those described here.

8) Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. All implied warranties, including those of merchantability and fitness for use, are limited to the duration of this express warranty.

9) Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

10) STANDARD PRODUCTS LIMITED 1-YEAR WARRANTY: All SCS products are covered by this warranty for a period of one year from the date of supply except as noted below:
   a) Signature Turf Gear Drive Rotors, Spray-Heads & Valves: Five (5) years; from original sale date.
   b) Signature Turf & Satellite Controllers: Two (2) years; from original sale date.
   c) Repairs & Refurbished Components: Balance of product warranty or three (3) months, from repair date, whichever occurs first, on materials and labor only.
   d) Brass Quick Coupler Valve Bodies: Five (5) years; from original sale date.
   e) Solenoid Coils: One (1) year; from original sale date.

11) TECHNICAL ADVICE: SCS warranties as hereinabove set forth shall not be enlarged, diminished or affected by, and no obligation or liability shall arise or grow out of, SCS rendering of technical advice or service in connection with Buyer's order or the products furnished.

12) QUESTIONS: If you have any questions concerning the warranty or its application, please email your question to info@scsmail.com or write to:

Signature Control Systems, Inc
Turf Division
8800 N. Allen Rd. • Peoria, Illinois 61615
U.S.A.
Attention: Customer Service

13) CLAIMED DEFECTIVE MERCHANDISE POLICY. Products returned to the retailer or distributor and claimed defective must be inspected by an authorized SCS representative to determine warranty compliance. If approval is granted, products will be repaired or replaced, or a credit memorandum covering the net purchase price will be issued.

14) In the event of a defect: If a defect arises in a Signature product or part within the warranty period, you should contact your Signature retailer, distributor, or Signature Control Systems, Inc. at www.signaturecontrolsystems.com

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