

# SAVANT





## Savant® SmartControl 3 - Wi-Fi Smart Controller with 3 IR and RF (SSC-W103I)

### Quick Reference Guide

#### Box Contents

- (1) SmartControl 3 Controller (SSC-W103I)
- (1) Installation Kit (075-0174-xx)
  - (1) Mounting Plate (074-0569-xx)
  - (1) 6-pin Screw Down Plug-in Connector (028-9352-xx)
  - (1) 5V DC 1.2A Power Supply (025-0207-xx)
  - (1) Cable Tie (014-0071-xx)
- (1) Product and Regulatory Insert (009-1950-xx)

#### Specifications

Environmental				
Temperature	32° to 104° F (0° to 40° C)			
Humidity	10% to 90% Relative Humidity (non-condensing)			
Dimensions and Weight				
	Height	Width	Depth	Weight
Device	0.64 in (1.62 cm)	2.7 in (6.85 cm)	2.67 in (6.78 cm)	0.50 lbs (0.22 kg)
Shipping	3.00 in (7.62 cm)	7.00 in (17.78 cm)	10.00 in (25.40 cm)	2.00 lbs (0.90 kg)
Power				
Input Power	5V DC 1.2A			
Max Power	6 watts			
Standards				
Wireless	Wi-Fi (802.11 b/g/n 2.4 GHz) <b>⚠ IMPORTANT!</b> 802.11r (fast roaming) is not supported.			
Security	WPA™, WPA2™, WPA/WPA2™, WEP			
Regulatory				
Safety and Emissions	FCC Part 15 	CE 	C-Tick 	UKCA 
Contains FCC ID:	TLZ-CU277			
Contains ID:	6100A-CU277			
RoHS	Compliant			
Minimum Supported Release				
Savant OS	da Vinci 8.8			

#### Network Guidelines

For more information, see the [Savant Device Networking Guidelines](#) on the [Savant Customer Community](#).

#### Front Panel



**A** Press and hold for five seconds while powered On to clear the network settings. The Status LED blinks rapidly when reset is complete.

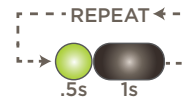
**Off:** No Power



**On Solid Green:** Provisioned to the local network and communicating with the Savant Pro System Host.



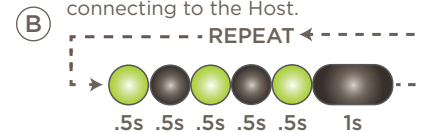
**Blink Green Once:** In Provisioning Mode. Ready to be added to the local network.



**Blink Green Twice:** Establishing connection with the local network.



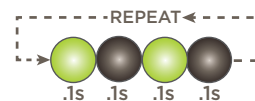
**Blink Green Three Times:** Connected to the local network. Is connecting to the Host.



**Short Off Green Blink:** Firmware is updating.



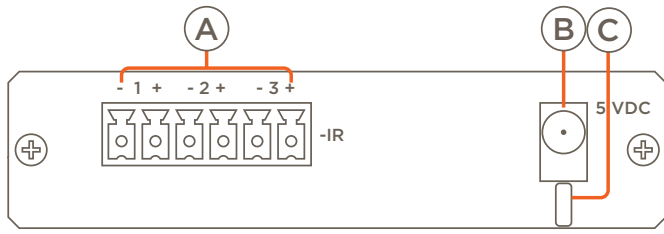
**Rapid Green Blink:** The reset button was held down for at least five seconds and the SSC-W103I is performing a factory reset. After reset, all network settings are cleared and the factory defaults are set.



**Red:** RF scan mode. This is used to bind a Savant Button Remote.



## Rear Panel



**A** IR

Used to send IR signals to control devices with an IR input or IR receiver via an IR flasher (5V tolerant only).

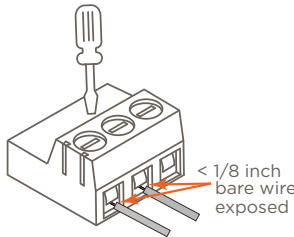
Before making connections, see the **IR Wiring** section for important precautions regarding IR functionality.

**B** Input Power 5V DC 1.2A - Connect to included power supply.

**C** Cable Lance Use with included cable tie to secure the power supply connection.

## Making Connections

1. Remove Power if power is applied.
2. Pull to remove the terminal block from the rear of the controller.
3. With a small flat bladed screwdriver, turn the screws on the top of the connector counterclockwise until the silver crimps in the front of the connector opens enough to slide the wire(s) into the square slots.
4. Strip back the insulation on each of the wires  $\frac{1}{4}$  inch. Insert the stripped wires into their proper ports. Do not allow more than  $\frac{1}{8}$  inch of bare wire exposed.
5. Turn the screws clockwise until the screw tightens around the wire. Tug on the wire a bit to verify the wires are installed securely.
6. Continue until all wires are installed.
7. Repeat steps 3 - 5 for any additional IR devices.
8. Plug terminal block back into the rear of the controller.
9. Reapply power.



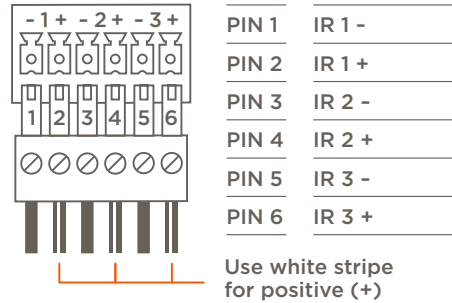
## IR Wiring

IR connections are made using the 6-pin screw down plug-in type connector included with each SSC-W1031 controller. This connector plugs into the connection on the rear of the controller.



### IMPORTANT! IR Wiring Precautions

- Ensure all IR emitters are within 15 feet (4.6 meters) from the controller's location.
- Use of 3rd party flashing IR emitters with Talk Back is not recommended. These types of emitters can draw voltage away from the IR signal that can degrade IR performance.



## Connecting to a Wireless Network

To provision the SSC-W1031 controller onto a local network, one of the following methods can be used:

- SmartConnect Application - version 1.7 or later.
- Embedded Web UI - All da Vinci builds.

Both methods are described in the **Deployment Guide: SmartControl 3**.

## Additional Documentation

Additional Documentation is available on the [Savant Customer Community](#).

- Deployment Guide: SmartControl 3 (009-1274-xx)
- SmartConnect Software Reference Guide (009-1046-xx)