SAVANT

Savant® SmartControl 12 - SmartController Deployment Guide

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This document will guide the installer through the process of installing, configuring, and adding a Savant SmartControl 12 Controller to a RacePoint Blueprint® configuration.

–   SmartControl 12 Controller [SSC-0012]

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Contents

To access links to the topics within this document, click the corresponding entry in the table below.

1. Before You Begin

Read through this document in its entirety and ensure that the following required items are available:

SmartControl 12 (SSC-0012) controller... ☐

Unique ID (UID) of the controller .... ☐
(located on the bottom of the unit)

Savant Host (Smart or Pro Host) licensed and running da Vinci 7.0 or higher.. ☐

Savant Development Environment (SDE/MacBook®) .... ☐
(with RacePoint Blueprint da Vinci 7.0 or higher installed)

Ethernet network meeting Savant requirements... ☐
See **Savant Device Networking Guidelines** on the Savant Customer Community.

2. Deployment Steps

To successfully deploy a Savant Rack Mountable Host, follow the steps listed below. This page can be used as a checklist to track progress as items are completed.

Review the SSC-0012 Connections and Controls and Mount Controller... ☐
See the Savant Customer Community for more information

Wire Controller to Savant Control System .... ☐
See Wiring and Connections

Add the SSC-0012 to a RacePoint Blueprint configuration.. ☐
See RacePoint Blueprint Configuration

Upload Configuration to Savant Host .... ☐
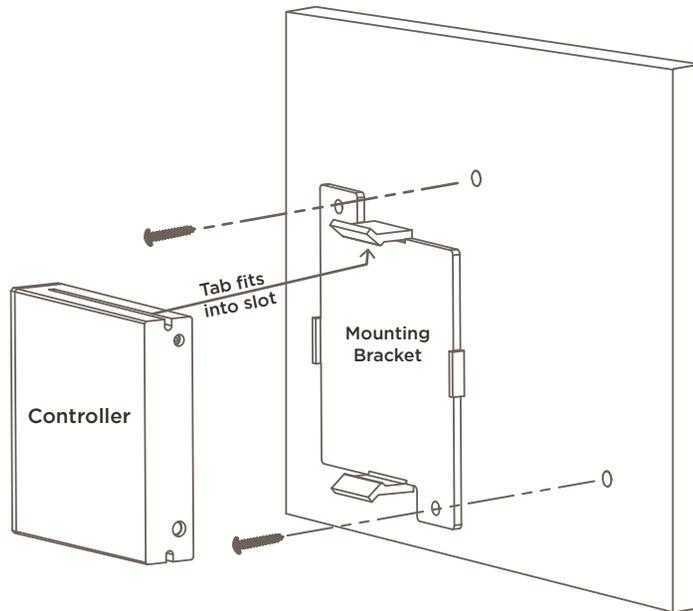See Upload Configuration

3. Installation

The SSC-0012 should be located in a place that is dry, well ventilated, and out of direct sunlight.

3.1. Mounting Plate Installation

A mounting plate (074-0577-xx) is supplied with the SSC-0012 controller. This mounting plate can be used to mount the controller to a wall or existing structure.

1. Position the mounting plate onto the wall where the controller will be located. Position the bracket so the tabs that secure the controller in the mount, are positioned horizontally.

2. Mark the two mounting holes on the wall.

3. Install wall anchors and screw the mounting plate to the wall.

4. Snap the SSC-0012 controller into the bracket so the tabs on the mounting bracket seat into the slots on the side of the controller.
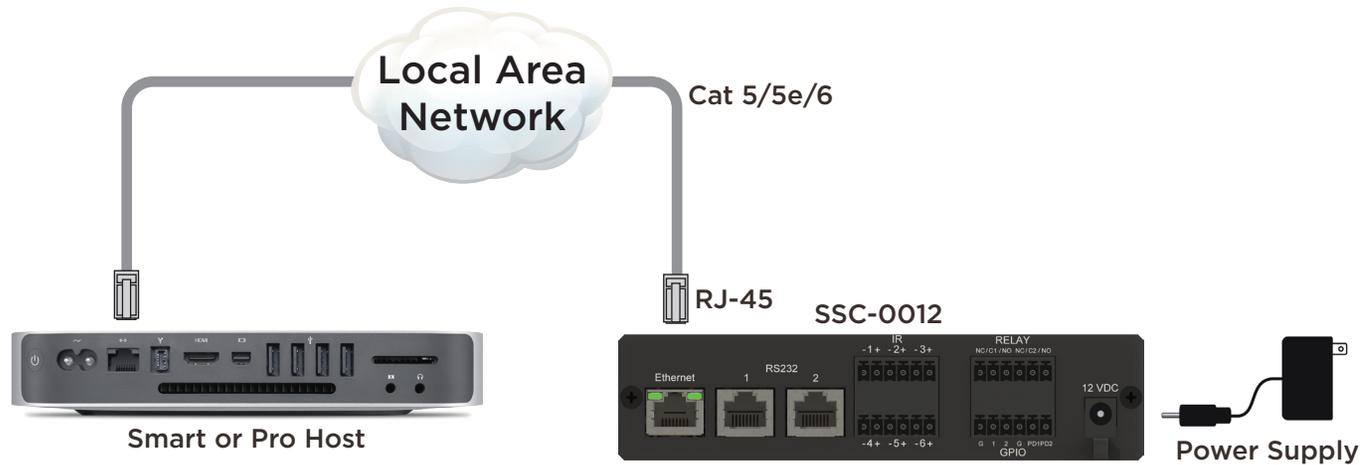
3.2. Rack or Cabinet Installation

When mounting in a rack or cabinet, the controller should be set on a solid, flat, level surface.

The next step is to connect the required ports. Refer to the Wiring and Connections section.

4. Wiring and Connections

Refer to the diagram below when making connections.

4.1. Power and Ethernet

1. Connect RJ-45 Cat 5/5e/6 Ethernet cable from Ethernet port to the local network switch.

2. Plug the supplied power supply from the 12V DC port into a 120V AC surge protected outlet.

4.2. Control Connections

Information on wiring the IR, RS232, and GPIO control connections are available in the **Savant SmartControl 12 [SSC-0012] Quick Reference Guide** on the Savant Customer Community.

5. RacePoint Blueprint® Configuration

Add the SmartControl 12 controller to the configuration.

1. From the RacePoint Blueprint menu bar, open the Component Library.

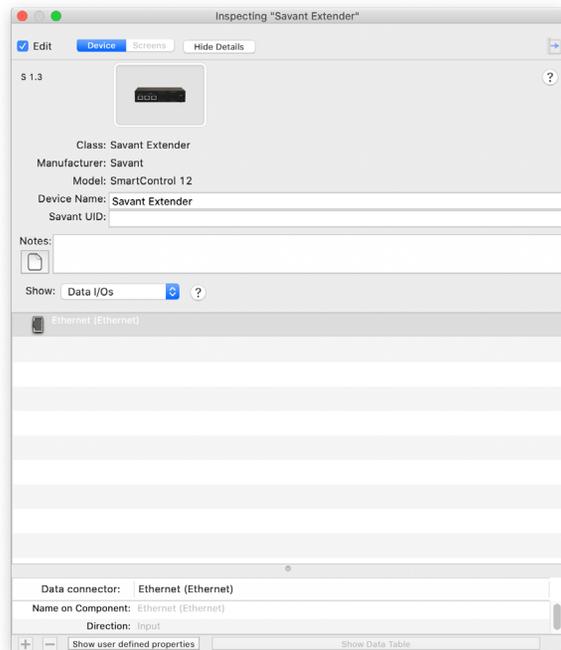   **View > Show Component Library**

2. Enter **SSC-0012** in the search box.

3. Select the **SSC-0012** from the **Component Library** and drag it into one of the zones/rooms.

4. Enter a Unique name that identifies the controller in the pop-up window that opens

NOTE: Controllers are typically added to the Shared Equipment Zone but not required.

5. Drag the **SSC-0012** into Blueprint's layout window.

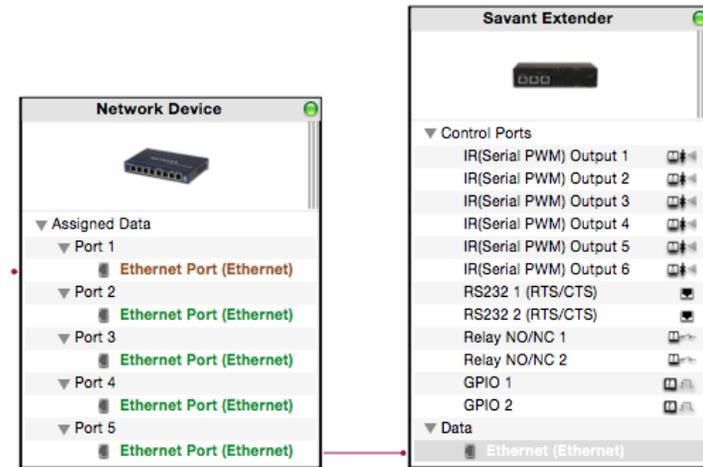6. Select the **SSC-0012** and open the inspector.

   View > Show Inspector

7. Enter the Unique ID of the SSC-0012 into the Savant UID field. See image below. UID can be found on the label on the bottom of the device.

← Enter Savant Unique ID (UID)

7. Close the Inspector window.

8. Connect the Ethernet port of the SSC-0012 to the local network device.

9. Refer to the **Relay and General Purpose Input/Output Profiles Application Note** on the Savant Customer Community for details on the various control ports available in the SSC-0012 profile.
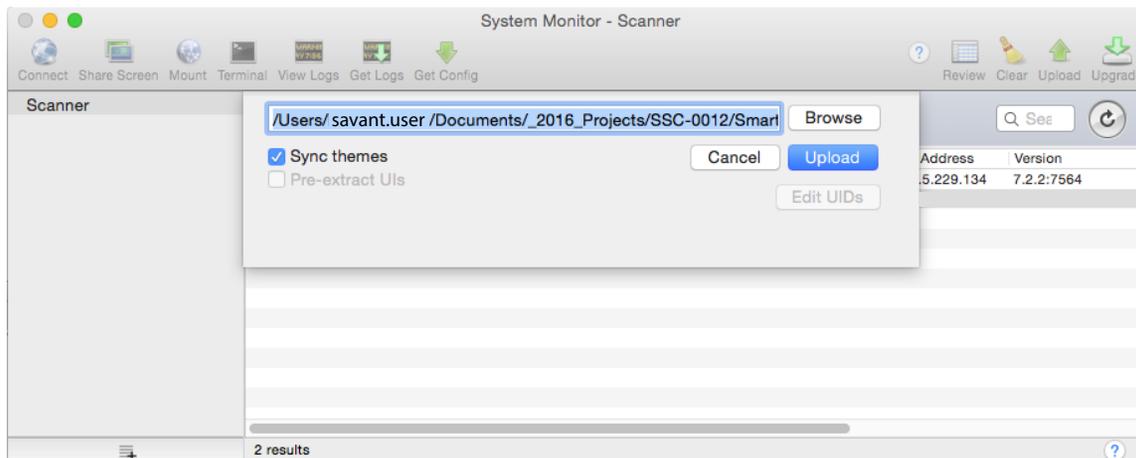
6. Upload Configuration

After the SSC-0012 has been added to Blueprint and the configuration is complete, upload the configuration to the host.

1. Select the **Generate Services** icon from the Blueprint toolbar. The State icon in the RacePoint Blueprint toolbar will change to either blue or green indicating the services for the configuration are created..

2. Select **File** > **Save** from the Blueprint menu bar.

3. **Optional**: Select **Update All UI Screens** > **Sync with Services** (only if necessary) from the Blueprint toolbar to sync any TrueControl II interfaces to the services. The State icon will change to green when complete.

4. Select the **Upload to Master** icon from the Blueprint toolbar and answer the prompts to upload the configuration to the Savant Pro System Host.

Select Upload to Master

5. The System Monitor application will automatically open as displayed in the image below. Verify the path to the configuration file is correct. Select **Upload** when satisfied.

6. The configuration will begin uploading to the Host. Once complete, verify the controllers function as expected.

7. Additional Documentation

Additional documentation is available on the Savant Customer Community.

- SmartControl 12 Smart Controller (SSC-0012) QRG - 009-1255-xx
- Relay and General Purpose Input/Output Profiles Application Note

Network Guidelines

See the **Savant Device Networking Guidelines** topic on the Savant Customer Community for networking recommendations.

Network Changes

Savant recommends performing the following steps to refresh the IP connection after connecting to a new network, changing routers, or if the IP Address range is changed in the current router. This will reset any IP connection and ensure that the Host is communicating with the network correctly.

1. Hot Plug the Ethernet (LAN) Connection
2. Disconnect the Ethernet (LAN) connection from the Host.
3. Wait 15 seconds and then reconnect.

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