

Box Contents

- (1) Director (HST-DIRECTORLITE)
- (1) 5V DC (15 W) power supply (025-0250)
- (1) Mounting Bracket (074-0577)
- (1) Product Regulatory Statement (009-1950)

Accessories (Sold Separately)

- SEM-VT01 SmartEnergy Voltage Sensor
- SEM-150A1 Smart Energy Sensor - 150 Amp
- SEM-250A1 Smart Energy Sensor - 250 Amp
- SEM-2015 Stand Alone Energy Monitor

Environmental				
Temperature	32° to 104° F (0° to 40° C)			
Humidity	10% to 90% Relative Humidity (non condensing)			
Location	Indoor Use Only			
Dimensions and Weights				
	Height	Width	Depth	Weight
HST-DirectorLite	1.4 inch (3.6 cm)	6.0 inch (15.2 cm)	3.1 inch (7.9 cm)	.5 lbs (.22 kg)
Shipping	2.75 inch (cm)	9.5 inch (24.1 cm)	9.75 inch (24.7 cm)	2.1 lbs (0.95 kg)
Power				
Power Supply	120/240V AC to 5V DC external supply			
Output Power (Max)	15 Watts			
Standards				
Bluetooth	Bluetooth Low Energy 5.1 (BLE)			
Wi-Fi	2.4/5.0 GHz IEEE 802.11 a/b/g/n/ac			
Ethernet	IEEE 802.3af			
Regulatory				
Safety and Emissions	FCC Part 15		IC	
				
RoHS	Compliant			
FCC ID:	ASU-DIRECTORLITE			
IC:	10052A-DIRECTORLITE			
Contains FCC ID:	VPYLB1ZM			
Contains IC:	772C-LB1ZM			
Minimum Supported Release				
da Vinci 10.2				

Network Requirements

For networking guidelines and recommendations, refer to the Savant Device Networking Guidelines document available on the [Savant Customer Community](#).

Front Panel



A Reset button

The reset button has two functions:

Press and hold - Press and hold for 5 seconds then release. The Directorlite reboots and returns to provisioning mode. After the reboot, all network settings and programming are cleared.

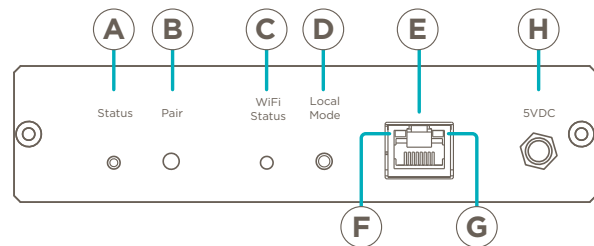
Press and Release - Clears the configuration programmed into the Director.

B Power LED

Solid Green - Power is applied.

Off - No power. Verify the power source is supplying the proper voltage.

Rear Panel



A Status LED

Green - Normal operation mode. The system can communicate with the local network, has an IP address, and can communicate with the Host.

Amber - The system is booting/rebooting and not communicating with the local network.

Amber Blinking - The system is in Provisioning Mode and ready to be added to the local network. In this mode, an IP Address is not yet assigned.

Green/Red Blinking - The Pair button was pressed and the Directorlite is attempting to pair itself with any available Savant Power Modules. Once the pairing is complete, the system will go back to normal operation.

B Pair Button

Press and hold to put the Directorlite into Pairing Mode. In this mode, the Directorlite will locate any Power Modules that were also put into the pairing mode, and connect to them.

 **HELPFUL:** A Power Module in pairing mode will display a gear icon on the module's LCD.

C WiFi Status LED

Off - Not connected to the local Wi-Fi.

Amber - Local Mode (In Access Point Mode).

Green - Provisioned and communicating with the local Wi-Fi.

Red - Provisioned but can't communicate with the local Wi-Fi.

Rear Panel (cont)

D Local Mode	Press and release the button to put the DirectorLite into Local Mode. In Local Mode, the DirectorLite functions as an Access Point and communicates directly with the Savant Power Modules over Wi-Fi.
E Ethernet	Ethernet Port - 8-pin RJ-45 port - 10/100/1000 Base-T auto negotiating port with link/activity LEDs. See annotations G and H below.
F Link LED	Solid Yellow - Network Speed = 100/1000 Mbps Off - Network Speed < 100 Mbps
G Activity LED	Green Blinking - Tx/Rx activity Off - No activity. Verify the Ethernet cable is securely plugged into the local Ethernet switch.
H Power Input	Connect the supplied power supply between the Directorlite's 5VDC input and a surge protected 120-240V AC 50/60 Hz source.

Additional Information

- The Directorlite can communicate with up to 20 Power Modules.
- Limit the distance between the DirectorLite and Power modules to 6 ½ feet (2 meters) or less.
- The Directorlite supports Wi-Fi in situations where a wired Ethernet connection is not available.

Documentation

Savant Power System Deployment Guide - The guide includes wiring diagrams, Companion Module configuration information, Savant Power and Light App Setup, and other information regarding the installation and configuration of the Savant Power system.

Installation

The Directorlite can be placed on a solid flat surface such as a table, cabinet, rack, or shelf or mounted onto a wall or similar structure using the supplied mounting bracket. Because the Director communicates with the Power Modules over Bluetooth, the Director must be placed within 6 ½ feet of the Power Modules.

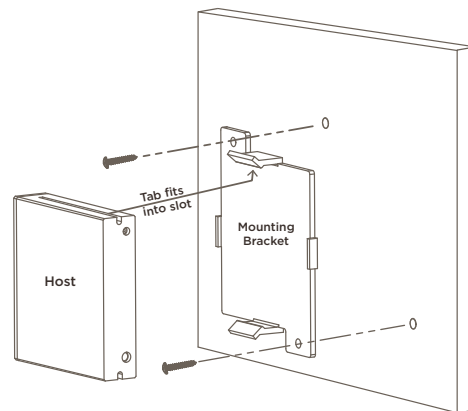
Rack Mount

The optional RCK-3000 provides a ventilated shelf for mounting the Directorlite. This rack is compatible with all standard 19-inch National Manufacturers Association (NEMA) rack mounts.

Wall Mount

A mounting plate (074-0577-xx) is supplied in the box. This plate is used to mount the Directorlite to a wall or existing structure. To mount the Host, follow the instructions below.

1. Position the mounting plate onto the wall where the Directorlite will be located. Position the bracket, so the tabs that secure the director to the mount are positioned horizontally.
2. Mark the two mounting holes on the wall.
3. Install wall anchors and screw mounting plate to the wall.
4. Snap the Directorlite into the bracket, ensuring the mounting bracket's tabs seat into the slots on the director's side panels.



System Overview

Use the diagrams below as a guide for when designing a system.

