

# SAVANT

## Panel Bridge Controller - PoE Quick Reference Guide

### Box Contents

- (1) Controller (PBC-P1000)
- (1) Install Kit (075-0234-xx)
  - (2) 2.4GHz Dipole Antenna (045-0137-xx)
  - (1) Cable RP Male to RP Female 18" (064-0475-xx)
  - (1) Sheet Metal Antenna Mounting Bracket (071-1185-xx)
- (1) Regulatory Card (009-1950-xx)


### Required Components

- SPM-Q2APD10 - QO Dual Adaptive Dimmer
- SPM-H2APD10 - Homeline Dual Adaptive Phase Dimmer
- SPM-Q2FPD10 - QO Dual Forward Phase Dimmer
- SPM-H2FPD10 - Homeline Dual Forward Phase Dimmer
- RPM-Q2R20120 - QO Dual Relay 20 Amp
- RPM-H2R20120 - Homeline Dual Relay 20 Amp
- RPM-Q2R40240 - QO Relay 240V 30 Amp
- RPM-H1R40240 - Homeline Relay 240V 30 Amp

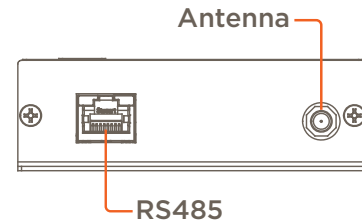
### Optional Accessories (sold separately)

Power Supply 5V DC 2.0A (025-0192-xx)

### Specifications

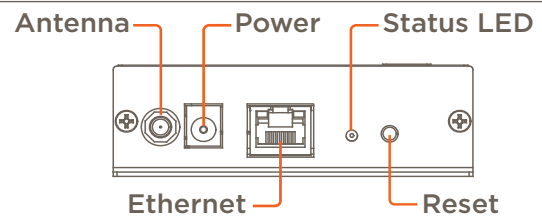
Environmental	
Temperature	32° to 104° F (0° to 40° C)
Humidity	10% to 90% Relative Humidity (non-condensing)
Dimensions and Weights	
Height	3.80 in (96.4 mm)
Width	5.65 in (143.5 mm)
Depth	1.06 in (26.8 mm)
Weight	Net: 0.7 lb (0.32 kg) Shipping: 1.5lb (0.66 kg)
Power	
Power over Ethernet (PoE)	IEEE 802.3af
Input Power	5V DC 2.0A
Maximum Power	10 Watts
Nominal Power	5 Watts
Standards	
Wireless	Bluetooth Low Energy (BLE); 2.4GHz radio frequency
Maximum Devices	Connect up to 40 Modules
Regulatory	
Safety and Emissions	FCC Part 15 
RoHS	Compliant
Minimum Supported Release	
Savant OS	da Vinci 9.0

### Right Panel



Auxiliary Antenna	SMA coaxial connection. Always connect both antennas.
RS484	Reserved for future use.

### Left Panel



Primary Antenna	SMA coaxial connection. Always connect both antennas.
Power Input	5V DC power connection
Status LED	<b>Green:</b> All module connections are stable. <b>Blinking Green:</b> Starting up and establishing connections with the modules. <b>Blinking Red:</b> One or more module is disconnected. <b>Amber:</b> Bootloader mode is active.
Ethernet	8-pin RJ-45 port 10/100/1000 Base-T auto-negotiating port with Link/Activity LEDs.
Reset	Resets the network settings of the device. <ul style="list-style-type: none"><li>- Press and Hold for 5 seconds: Clear network settings. Status LED will rapidly blink red when reset is complete.</li><li>- Press and Hold for 1 second: Switch between calibration modes. Will calibrate upon next dim:<ul style="list-style-type: none"><li>- Don't calibrate after power cycle.</li><li>- Calibrate after power cycle and activation (dim up)</li><li>- Don't calibrate after power cycle and go calibrate un-calibrated loads</li></ul></li></ul>

### Mounting

The PBC-P1000 can be mounted to a wall or similar surface. Mount chassis in a place that is dry, well ventilated, and out of direct sunlight. Alternatively, the chassis can be set into a rack, cabinet, or similar. Ensure the PBC-P1000 is secured to a solid, flat, level surface.



#### IMPORTANT!

When using both antennas on the PBC-P1000, the included 18" extension cable must be used on one of the antennas.