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
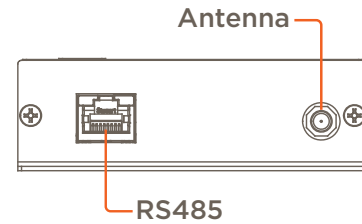– RPM-H1R40240 - Homeline Relay 240V 30 Amp

Optional Accessories (sold separately)

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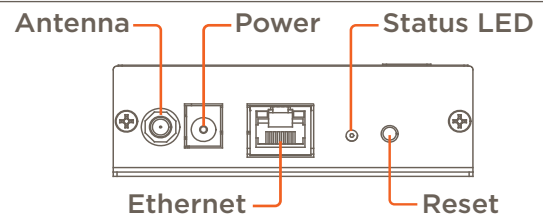
Specifications

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 FC
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	**Green**: All module connections are stable. **Blinking Green**: Starting up and establishing connections with the modules. **Blinking Red**: One or more module is disconnected. **Amber**: 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. Hold Reset Button for 5 seconds while powered on to clear network settings. Status LED will rapidly blink red when reset is complete.

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.