

The Savant™ In-Wall Wireless Charging Dock (IDC-2000) Quick Reference Guide provides the information necessary to install the In-Wall Wireless Charging Dock for the Apple iPad and iPad2/Retina models.



Box Contents

- (1) In-Wall Wireless Charging Dock (IDC-2000)
- (1) Cut out template (009-0246-xx)
- (1) Adapter for the iPad2 (074-0358-xx)
- (1) Instructions for iPad2 Adapter (009-0343-xx)
- (1) Installation Kit (075-0061-xx)
 - (1) 24V DC 60 Watt Power Supply (025-0046-xx)
 - (1) Power Cable (2 ft) (064-0048-xx) or appropriate International cord
 - (1) 2-position Phoenix Connector (028-9160-xx)
 - (1) 4-position Phoenix Connector (028-0359-xx)
 - (4) #8-32 x 2.25 Screw (039-0208-xx)
 - (4) #6 x 1.5 Screw (039-0173-xx)
- (1) Quick Reference Guide (this document)

Accessories

- (1) In-Wall Bezel for iPad 1-Pack (BZB/W/A/P-1iPad-xx) Black/White/Almond/Primer
- (1) In-Wall Bezel for iPad 5-Pack (BZB/W/A/P-5iPad-xx) Black/White/Almond/Primer (Single color per 5-Pack)
- (1) Construction Box for In-Wall Dock (RIB-IWCD)

Specifications

Environmental	
Operating Temperature	32° to 104° F (0° to 40° C)
Operating Humidity	10% to 90% Non-condensing
In-Wall Dock – Dimensions and Weight	
Dimensions (H x W x D)*	11.2 in x 8.3 in x 2.5 in (28.4 cm x 21.08 cm x 6.3 cm)
Weight	1.2 lb/0.54 kg
In-Wall Dock Bezel– Dimensions and Weight	
Dimensions (H x W x D)	12.1 in x 9.5 in. x 0.23 in (30.73 cm x 24.13 cm x 0.58 cm)
Weight	0.5 lb/0.26 kg
Power	
Supply	24V DC, 120-230V AC, 50/60Hz
Maximum Power Draw	11 Watts
Power cable length	300 ft maximum AWG 22
Compliance	
Safety and Emissions	FCC Part 15/CE Mark/C-Tick
RoHS	Compliant

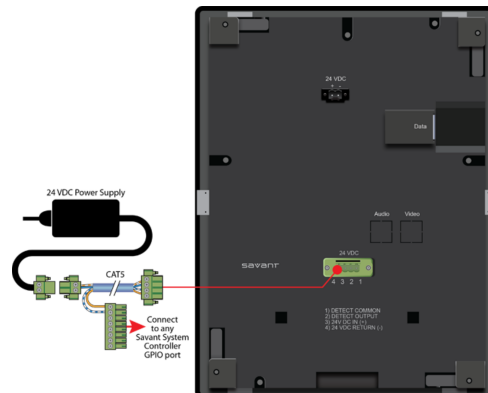
* Overall dimensions for dock, not cut out dimensions.

⚠ SURGE PROTECTION: Use a surge-protected circuit for all components requiring 120/230V AC, 50/60 Hz source power.

⚠ ELECTRICAL DISCONNECT: The 120/230V AC, 50/60 Hz source power outlet and input power sockets should be easily accessible in the event of an electrical hazard or malfunction condition.

⚠ ELECTRICAL DISCONNECT: Remove power before working on the dock.

Wiring to Dock



Charging Dock Pinouts	
1	Detect Common
2	Detect Output
3	24V DC in (+)
4	24V DC Return (-)

The charging dock iPad Detect signal is designed to connect to one of the Savant Controller GPIO input connections. The charging dock will pull the GPIO input low when an iPad is inserted into the dock.

Installation without RIB-IWCD Construction Box

Note: The iPad dock can be installed in either landscape or portrait orientation.

- Connect the 24V DC power supply to the In-Wall Dock and route inside the wall opening.
- After making the connections to In-Wall Dock, position the unit in the opening and secure with the four rotating mounting tabs.
- Turn the tab screws clockwise; the tabs will grab the interior wall. Tighten until snug. **Do not over tighten.**

Caution: Do not use a powered screwdriver to tighten the tabs; the tabs can be easily over tightened.

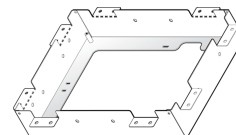
- If necessary, install the iPad in the Adapter (See below).
- Position the bezel over the In-Wall Dock and press, ensuring that the wall plate seats properly. (See below)
- Configure the installation using RacePoint Blueprint™.

Note: The In-Wall Dock also has optional screw mounting holes for optional stud mounting.

Optional Pre/Post-Construction Box

Note: The In-Wall Dock Assembly is not a weather resistant unit. Do not locate in a damp or humid area.

The IDC-2000 can be installed with or without an in-wall construction box. The in-wall construction box for the iPad (RIB-IWCD) is optional and can be used pre-or post-construction to save the space required for the IDC-2000 and to terminate the roughed in wires.



⚠ Important: Always locate the studs and utilities (electrical wires, ducts, water and gas pipes) before cutting an opening in the wall. Ensure all required power and control cables have been routed to the site of construction box.

Installing the In-Wall Dock into the RIB-IWCD

- Remove Retainer caps (4) from the back of the IDC-2000 with pliers.
- Remove tabs (4) by removing the screws.
- Place the IDC-2000 into the RIB-IWCD and use the #8-32 screws (4) to attach.

Adapter Installation for iPad2 only

Install the iPad in the Savant Adapter (IWA-IPAD2X), if necessary.

Note: This is only required for the iPad2/Retina models.

Position the adapter on the iPad2 as shown:

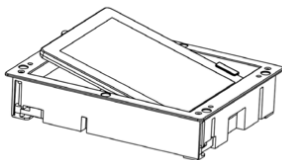


Install the iPad into the In-Wall Dock

1. Position the iPad into the In-Wall dock as shown below.

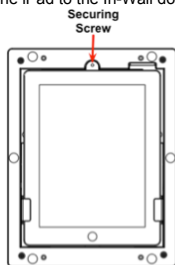


2. Ensure the iPad slides through the brackets and is inserted fully.



3. Tilt the iPad2 back until it stops and secures to the In-Wall Dock with the supplied screw.

4. Secure the iPad to the In-Wall dock with the captive screw.



Install the Bezel

1. Position the bezel over the iPad in the In-Wall Dock.
2. Ensure the bezel seats properly.

Additional Documentation

For more documentation, go to SavantSystems.com and navigate as follows:

>Dealer Login > Knowledge Base

- Refer to **Products > Construction Box for In-Wall Dock (RIB-IWCD) - Quick Reference Guide**
- Click link: **RacePoint Blueprint™**

