

# IDOC-PAD-LCA-DSWC

## iPanel® Wall Dock for iPad Air® & iPad® (7<sup>th</sup> Generation)

- > Provides a stylish wall dock for an Apple® iPad Air® or iPad® (7<sup>th</sup> Generation) device<sup>[1]</sup>
- > Transforms the iPad device into a stationary touch screen
- > Affords seamless control system integration using the Crestron® App<sup>[2]</sup>
- > Ideal for use with Crestron Pyng®<sup>[2]</sup>
- > Charges the iPad device while docked
- > Retains use of the device's microphone, speaker, camera, and buttons
- > Allows for easy docking and undocking
- > Invertible for left or right-hand docking access
- > Includes locking kit for permanent wall docking
- > Powered via PoE, Cresnet®, or power pack<sup>[3]</sup>
- > Supports 2-gang US, UK, or European electrical wall box mounting
- > Can be mounted directly to drywall or paneling over a cutout
- > Installs easily in place of many older Crestron touch screens
- > Protrudes just 1 inch (26 mm) from the wall surface
- > Available in smooth white or black finishes



The Crestron® iPanel® Wall Dock (IDOC-PAD-LCA-DSWC) provides a stylish wall docking solution for an Apple® iPad Air® or iPad® (7<sup>th</sup> Generation) device.<sup>[1]</sup> The iPanel dock simultaneously charges the iPad device while allowing it to be used to control a home, business, boardroom, or classroom. The iPad device slides easily into the iPanel dock, instantly transforming it into a stationary wall or lectern mounted touch screen. Its invertible design allows for left or right hand docking access. The iPad device can be removed just as easily from the iPanel dock to resume portable use at any time. Or, the included locking kit can be installed to keep the iPad device permanently in place with a full bezel surrounding the touch screen display on all four sides.

As part of a complete Crestron control solution, an iPad device offers a very powerful and practical touch screen controller for home theater, whole-house automation, and commercial AV and room control applications. Crestron Control® is enabled on the iPad device by downloading and installing the [Crestron App](#)<sup>[2]</sup>, which provides professional Crestron touch screen functionality through a very stylish and highly-customizable graphical interface. Adding the iPanel dock affords the advantage of wall or lectern mounted touch screen operation and battery charging.

iPanel docks are also ideal for use with [Crestron Pyng](#)®.

**NOTE:** The IDOC-PAD-LCA-DSWC supports 1st generation iPad Air and 7th generation iPad only. For iPad Air 2 or iPad Pro® 9.7, please see [IDOC-PAD-LCA2-DSWC](#).

### Simple, Versatile Mounting

Using the bracket provided, the IDOC-PAD-LCA-DSWC installs easily over a 2-gang US, UK, or European electrical box. It can also be attached directly to drywall and other surfaces over the front of a 2-3/8" H x 3-3/8" W (60mm H x 86mm W) cutout. When installed, it protrudes just 1 inch (26 mm) from the mounting surface. Its versatile design allows the unit to be installed so that the iPad device can be docked from either the left or right.

Replacing an older Crestron touch screen with the IDOC-PAD-LCA-DSWC is easy. The bracket provided installs directly over the existing back box, mounting kit, or cut-out for any of the following older models: APAD, CT-1000, LC-1000, TPS-2000L, TPS-4L, and TPS-6L.

### Multiple Power Options

The IDOC-PAD-LCA-DSWC is designed to provide a clean installation with no visible wires. The only wiring required is to power and ground the unit. It can be powered using either PoE or 24 Volts DC. PoE (Power over Ethernet) allows for connection to a PoE network or PoE injector for power, while 24VDC allows for connection to a Cresnet® network or power supply. Crestron offers PoE network switches ([CEN-SW-POE-5](#) or [CEN-SWP0E-16](#)), a PoE injector ([PWE-4803RU](#)), and a 24VDC power pack ([PW-2407RU](#)), any of which may be used to power the iPanel Wall Dock.<sup>[3]</sup>

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## SPECIFICATIONS

### Connectors

**PoE:** (1) 8-pin RJ45, female;  
Power over Ethernet PD (Powered Device) port;  
Connects to a PoE network switch or injector<sup>[3]</sup>

**24, G:** (2) Captive screw terminals;  
24 Volt DC power input Wire Size: 18 AWG (1 mm<sup>2</sup>) maximum;  
Connects to a Cresnet network or power pack<sup>[3]</sup>

**Ground:** (1) Captive screw terminal;  
Chassis ground terminal;  
Wire Size: 18 AWG (1 mm<sup>2</sup>) maximum

### Power Requirements

**Power over Ethernet:** IEEE 802.3at Type 1 (802.3af compatible) Class 0 (12.95 W) PoE Powered Device<sup>[3]</sup>

**24VDC:** 17 Watts (0.71 Amps) @ 24 Volts DC<sup>[3]</sup>

*Note: May be powered via PoE or 24 Volts DC; safe to connect both*

### Environmental

**Temperature:** 32° to 95° F (0° to 35° C)  
**Humidity:** 10% to 90% RH (non-condensing)  
**Heat Dissipation (24 VDC):** 58 BTU/hr with iPad device docked;  
17 BTU/hr without iPad device docked

### Construction

**Composition:** Plastic, smooth black or white finish  
**Mounting:** Surface mount over a 2-gang electrical box, 2-gang UK (BS 4662) electrical box, 2-gang European (DIN 49073) electrical box, or 2-3/8" H x 3-3/8" W (60mm H x 86mm W) cutout; additional wall mount options available separately; locking kit included

### Dimensions

**Height:** 6.87 in (175 mm)  
**Width:** 10.14 in (258 mm);  
10.61 in (270 mm) with iPad device docked;  
10.72 in (273 mm) with locking kit installed  
**Depth:** 2.38 in (61 mm)

### Weight

14.7 oz (417 g)

## MODELS & ACCESSORIES

### Available Models

**IDOC-PAD-LCA-DSWC-B-S:** iPanel® Wall Dock for iPad Air® & iPad® (7<sup>th</sup> Generation), Smooth Black  
**IDOC-PAD-LCA-DSWC-W-S:** iPanel® Wall Dock for iPad Air® & iPad® (7<sup>th</sup> Generation), Smooth White

### Available Accessories

**CRESTRON-APP-PAD:** Crestron® App for iPad®; refer to the iTunes® App Store for pricing and download  
**CRESTRON-PYNG:** Crestron Pyng® Setup & Home Control App; refer to the iTunes® App Store for pricing and download  
**PW-2407RU:** 18 Watt Cresnet® Power Supply, US/International  
**PWE-4803RU:** PoE Injector  
**CEN-SW-POE-5:** 5-Port PoE Switch  
**CEN-SWPOE-16:** 16-Port Managed PoE Switch  
**CEN-NVS200:** Network Video Streamer  
**DM-TXRX-100-STR:** HD Streaming Transmitter/Receiver

### Notes:

1. For 1st generation iPad Air and 7th generation iPad only. For iPad Air 2 or iPad Pro 9.7, use model **IDOC-PAD-LCA2-DSWC**. iPad device not included.
2. Item(s) sold separately.
3. Connection to a PoE network or Cresnet network is for power only. Does not support Ethernet or Cresnet data communications. All power sourcing equipment sold separately.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/salesreps](http://www.crestron.com/salesreps) or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: [patents.crestron.com](http://patents.crestron.com).

Certain Crestron products contain open source software. For specific information, please visit [www.crestron.com/opensource](http://www.crestron.com/opensource).

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