

IDOC-PAD-LCA2-DSWC

iPanel® Wall Dock for iPad Air® 2

- > Provides a stylish wall dock for the iPad Air® 2^[1]
- > Transforms the iPad Air 2 into a stationary touch screen
- > Affords seamless control system integration using the Crestron® App^[2]
- > Ideal for use with Crestron Pyng®^[2]
- > Charges the iPad Air 2 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^[3]
- > 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
- > Compatible with TSW-UMB Universal Mounting Bracket^[2]
- > Pre-construction and masonry mounting options available^[2]
- > Protrudes just 1 inch (26 mm) from the wall surface
- > Available in smooth white or black finishes

The Crestron® iPanel® Wall Dock for iPad Air® 2 (IDOC-PAD-LCA2-DSWC) provides a truly elegant solution for charging your iPad Air 2^[1] while simultaneously using it to control your home, business, boardroom, or classroom. The iPad Air 2 slides easily into the iPanel, 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 Air 2 can be removed just as easily from the iPanel to resume portable use at any time. Or, the included locking kit can be installed to keep the iPad Air 2 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 Air 2 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 Air 2 by downloading and installing the [Crestron App](#)^[2], providing professional Crestron touch screen functionality through a very stylish and highly-customizable graphical interface. Adding the iPanel affords the advantage of wall or lectern mounted touch screen operation and battery charging.

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

Simple, Versatile Mounting

Using the bracket provided, the IDOC-PAD-LCA2-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 Air 2 can be docked from either the left or right.



iPad device not included.

Replacing an older Crestron touch screen with the IDOC-PAD-LCA2-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.

Crestron also offers the [TSW-UMB Universal Mounting Bracket](#)^[2], which provides a post-construction wall mounting solution that can accommodate a variety of current and future Crestron devices including the IDOC-PAD-LCA2-DSWC. The TSW-UMB makes it easy to change devices at any time without having to cut or patch the wall, or order any additional mounting hardware. For a pre-construction mounting solution, the TSW-UMB can be used along with a [TSW-UMB-PMK Pre-Construction Mounting Kit](#)^[2]. Masonry and concrete applications can be accommodated using the TSW-UMB along with a [TSW-550-BBI back box](#)^[2].

Multiple Power Options

The IDOC-PAD-LCA2-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-SW-POE-16](#)^[2]), a PoE injector ([PWE-4803RU](#)^[2]), and a 24VDC power pack ([PW-2407RU](#)^[2]), any of which may be used to power the iPanel Wall Dock.^[3]

SPECIFICATIONS

Connectors

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

24, G: (2) captive screw terminals;
24 Volt DC power input Wire Size: 18 AWG maximum;
Connects to a Cresnet® network or power pack ^[3]

Ground: (1) captive screw terminal; chassis ground;
Wire Size: 18 AWG maximum

Power Requirements

Power over Ethernet: IEEE 802.3at Type 1 (802.3af compatible) Class 0 (12.95 W) PoE Powered Device ^[3]

24 VDC: 17 Watts (0.71 Amps) @ 24 Volts DC ^[3]

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 Air 2 docked;
17 BTU/hr without iPad Air 2 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 Air 2 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-LCA2-DSWC-B: iPanel® Wall Dock for iPad Air® 2, Black
IDOC-PAD-LCA2-DSWC-W: iPanel® Wall Dock for iPad Air® 2, White

Available Accessories

CRESTRON-APP-PAD: Crestron® App for iPad®

CRESTRON-PYNG: Crestron Pyng® Setup & Home Control App

TSW-UMB: Universal Mounting Bracket for Touch Screens & Wall Docks

TSW-UMB-PMK: Pre-Construction Mounting Kit for TSW-UMB

TSW-550-BBI: Wall Mount Back Box for TSW-UMB - International Version

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 iPad Air 2 only. For 1st generation iPad Air, use model [IDOC-PAD-LCA-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 or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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