

## PYNG-HUB

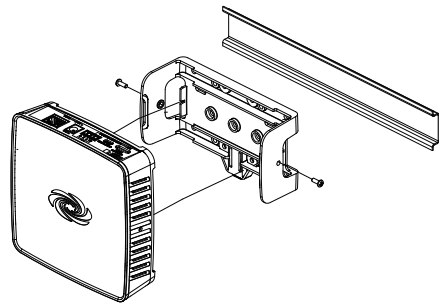
Crestron Pynq® Control Everything® Control Hub

### DO Install the PYNG-HUB

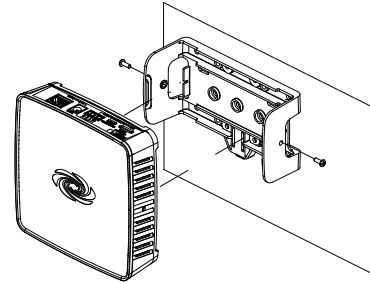
The Crestron® PYNG-HUB can be mounted on a DIN rail, mounted to any flat surface, or placed on a tabletop. If necessary, use screws that are applicable for the mounting scenario. For details, refer to the illustrations below.

**NOTE:** The PYNG-HUB can also be rack mounted. For rack mount installation, refer to the RMK-IFE-1U Installation Guide (Doc. 7627) at [www.crestron.com/manuals](http://www.crestron.com/manuals).

DIN Rail Mounting



Flat Surface Mounting

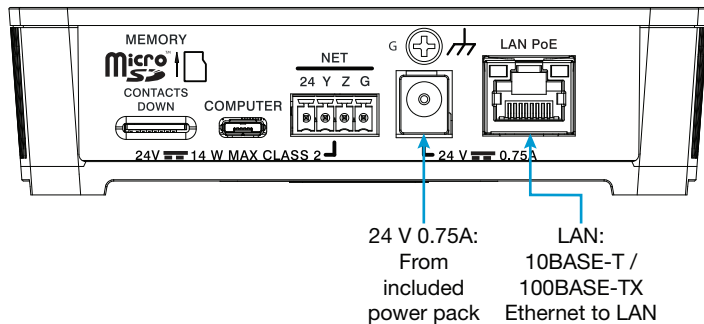


**NOTE:** Do not use the supplied screws to mount the bracket to the bottom of the PYNG-HUB if the device will be mounted on a DIN rail. Removing the PYNG-HUB from the DIN rail will not be possible.

### DO Connect the Device

Connect the PYNG-HUB to the wireless router via the included Ethernet cable. To turn on the PYNG-HUB, connect the power supply to the PYNG-HUB and then to an electrical outlet. The PYNG-HUB can also be wired without the power supply and powered via Power over Ethernet (PoE). For details, refer to the illustrations that follow.

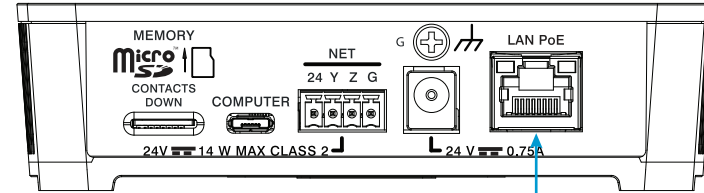
Wire with Power Supply



### DO Check the Box

QTY	PRODUCT	COLOR	PART NUM.
1	Bracket, Mounting, Integrated DIN Rail Clip	White	4520167
1	Cable, Ethernet, CAT5e, 5' (1.52 m)	White	2043857
1	Connector, 4-Pin		2003576
1	Power Pack, 24 Vdc 0.75 A, 100-240 Vac		2045865
2	Screw, 6-32 x 3/8", Pan Head, Phillips		2007231

Wire with PoE



### DO Download the Pynq App from the App Store® Online Store

**NOTE:** An iTunes® account is required to download the Crestron Pynq app. Refer to [support.apple.com/kb/HT2731](http://support.apple.com/kb/HT2731) for help setting up an account.

1. On the iPad® device home screen, tap the **App Store** icon (🍏).
2. Search for the app:
  - a. Tap the search field.
  - b. Enter the search term **Crestron Pynq**.
3. Tap the **P** icon, the **Crestron Pynq** app, and follow the prompts to download it. The app downloads to the device. The app icon appears on the home screen and shows the status of the download and installation.

### DO Configure the System

1. Tap **P** on the iPad to begin system configuration. The Crestron Pynq app automatically connects to the PYNG-HUB.

**NOTE:** If the Crestron Pynq app does not automatically connect to the PYNG-HUB, enter the hostname of the PYNG-HUB and tap **Connect**. The hostname is PYNG-H- and the last eight digits of the MAC address. The hostname is PYNG-H-7F2ED7CB for a PYNG-HUB with the MAC address label shown below. The MAC address label is located on the bottom of the PYNG-HUB.

Example of MAC Address




2. Fill out the required information in the initial **Configuration** screen and tap **OK**.

- a. **System Name** is the name given to the installation (e.g., Smith Residence).
- b. **MyCrestron.com Name (password)** is the Crestron Dynamic DNS service domain name and user password for the system. To obtain a domain name and password, do the following:
  - i. Visit [mycrestron.com](http://mycrestron.com) for information about MyCrestron.com Dynamic DNS Service.
  - ii. Click **Register a New Subdomain**.
  - iii. Follow the on-screen instructions to create a subdomain.
- c. **Dealer Name** is the name of the company that is setting up the system.
- d. **Dealer Email** is the valid email address for contacting the dealer.
- e. **Customer Name** is the first and last name of the customer.
- f. **Customer Email** is the valid email address for contacting the customer.
- g. **Location Services** button enables Location Services on the iPad. When **Location Services** is tapped, a dialog appears asking for permission to use Location Services. Tap **OK**.
- h. **Installer Password** is the user-generated password that will be required to enter the installer setup screens.

The Crestron Pyng app navigates through the setup of the PYNG system. The setup process defines rooms, adds devices, creates scenes, and configures the user interface and scheduled events.

## DO Find Detailed Setup Information

If help is required during setup of the system, refer to the Crestron Pyng in-app help screens. For information specific to the current screen, tap  in the Crestron Pyng app to display the available help topics.

## DO Troubleshoot


TROUBLE	POSSIBLE CAUSE(S)	CORRECTIVE ACTION
You cannot find the Crestron Pyng app.	The Crestron Pyng app is not installed.	Download the Crestron Pyng app from the App Store.
	The Crestron Pyng app is located in a folder.	Look through all of the folders on the iPad.
You cannot connect to the PYNG-HUB.	The network is not properly configured.	Refer to “Configure the System” in order to connect via the hostname.
Location Services does not work.	Location Services is turned off.	Go to <b>Settings &gt; Privacy &gt; Location Services</b> to turn on Location Services.


## DO Learn More

Visit the website for additional information and the latest firmware updates. To learn more about this product, use a QR reader application on your mobile device to scan the QR image.

**Crestron Electronics**  
 15 Volvo Drive, Rockleigh, NJ 07647  
 888.CRESTRON | [www.crestron.com](http://www.crestron.com)



 As of the date of manufacture, the product has been tested and found to comply with specifications for CE marking.

 This product is Listed to applicable UL® Standards and requirements tested by Underwriters Laboratories Inc. Ce produit est homologué selon les normes et les exigences UL applicables par Underwriters Laboratories Inc.

### Federal Communications Commission (FCC) Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions:

(1) This device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

**CAUTION:** Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Industry Canada (IC) Compliance Statement

CAN ICES-3(B)/NMB-3(B)

The Crestron Pyng application and its use by end-users are governed by both the Terms of Use for Crestron Mobile Cloud Computing Applications as well as the Privacy Statement for Crestron Mobile Cloud Computing Applications which can be found on the Crestron website at [www.crestron.com/legal/mobile\\_cloud\\_apps\\_tos\\_privacy](http://www.crestron.com/legal/mobile_cloud_apps_tos_privacy). Crestron product operating system software, including Crestron Pyng, is licensed to Crestron dealers, CSPs, and end-users under an End-User License Agreement which can be found on the Crestron website at [www.crestron.com/legal/software\\_license\\_agreement](http://www.crestron.com/legal/software_license_agreement).

The specific patents that cover Crestron products are listed at <http://www.crestron.com/legal/patents>.

The product warranty can be found at [www.crestron.com/warranty](http://www.crestron.com/warranty).

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

Crestron, the Crestron logo, Control Everything, Crestron Pyng, and the P logo are either trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and/or other countries. App Store, iPad, and iTunes are either trademarks or registered trademarks of Apple, Inc. in the United States and/or other countries. Micro SD logo is either a trademark or registered trademark of SD-3C LLC in the United States and/or other countries. UL and the UL logo are either trademarks or registered trademarks of Underwriters Laboratories, Inc. in the United States and/or other countries. Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography.

This document was written by the Technical Publications department at Crestron.

©2017 Crestron Electronics, Inc.