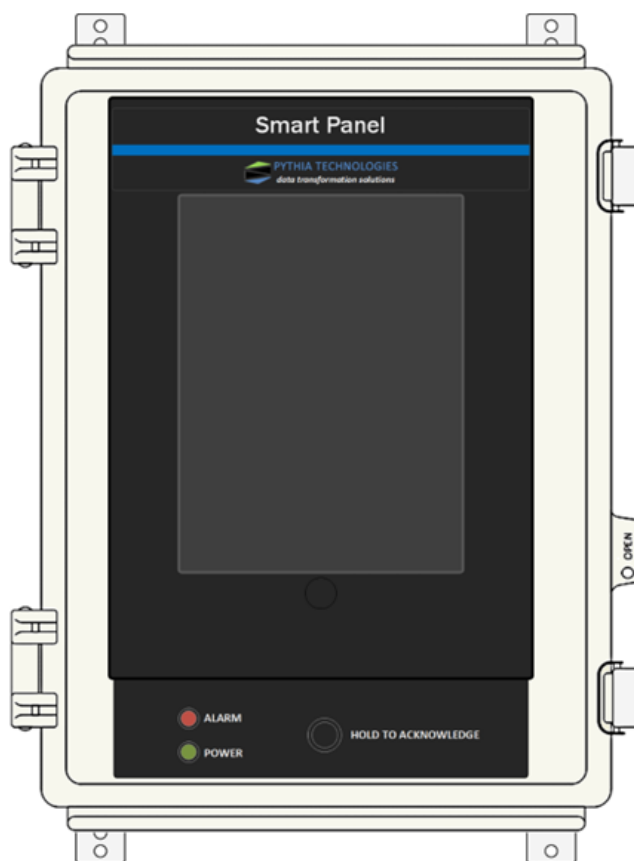




GUIDE

**Smart Panel DM
SPDM
5/21/2025**

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1. FAQs

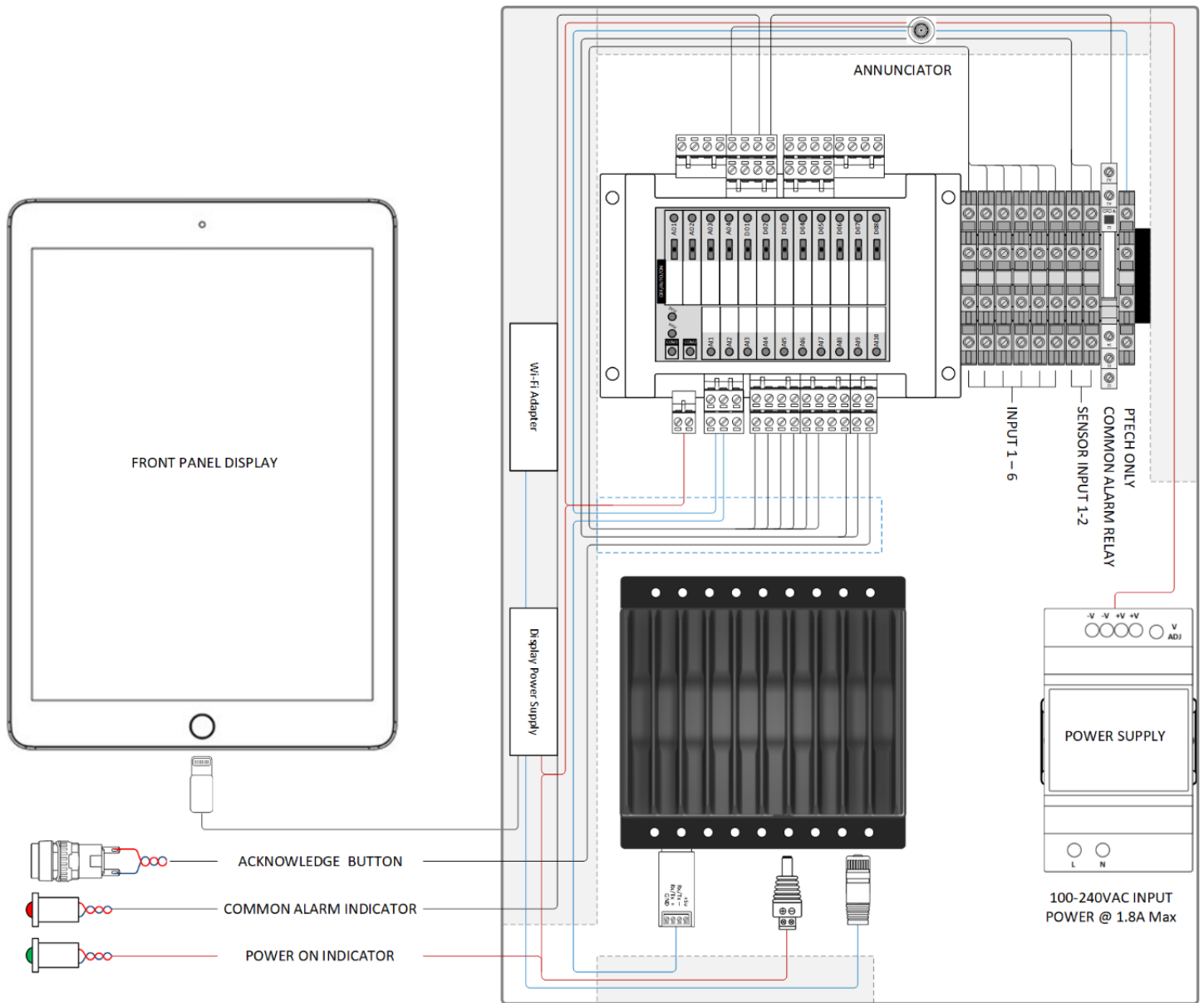
1.1 Technical Support

Technical support is available at 740-363-2272 on regular business days from 8:00 a.m. to 3:00 p.m. ET.

1.2 iPad Charging Time

If the iPad has experienced a complete battery drain, it may take up to 15 minutes to recharge before it can power on.

2. Assembly



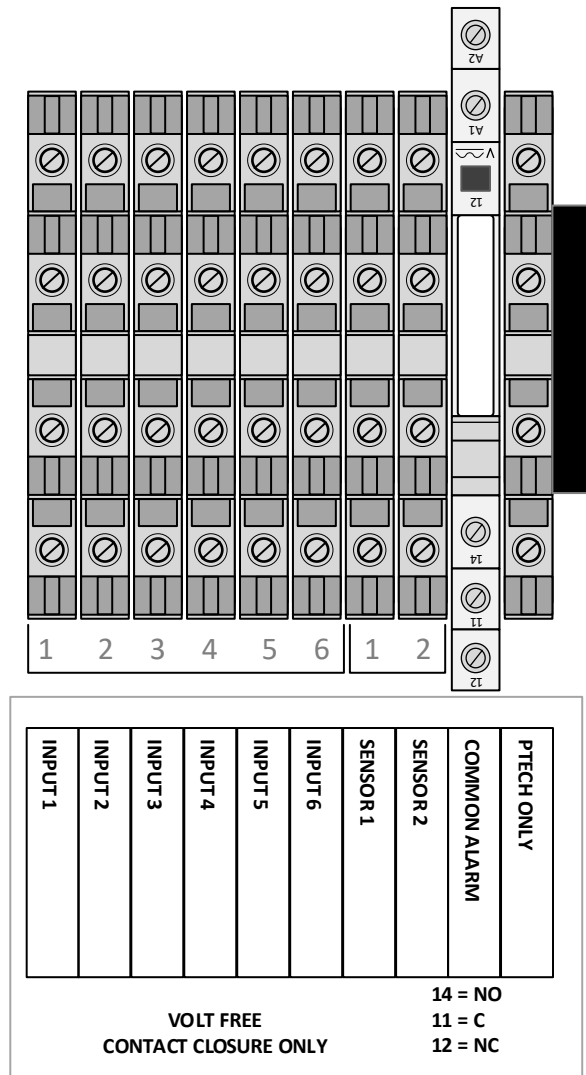
2.1 Power Supply

The 120VAC power supply is the Meanwell HDR-60-24. Refer to <https://www.meanwell.com/productPdf.aspx?i=753> for specifications.

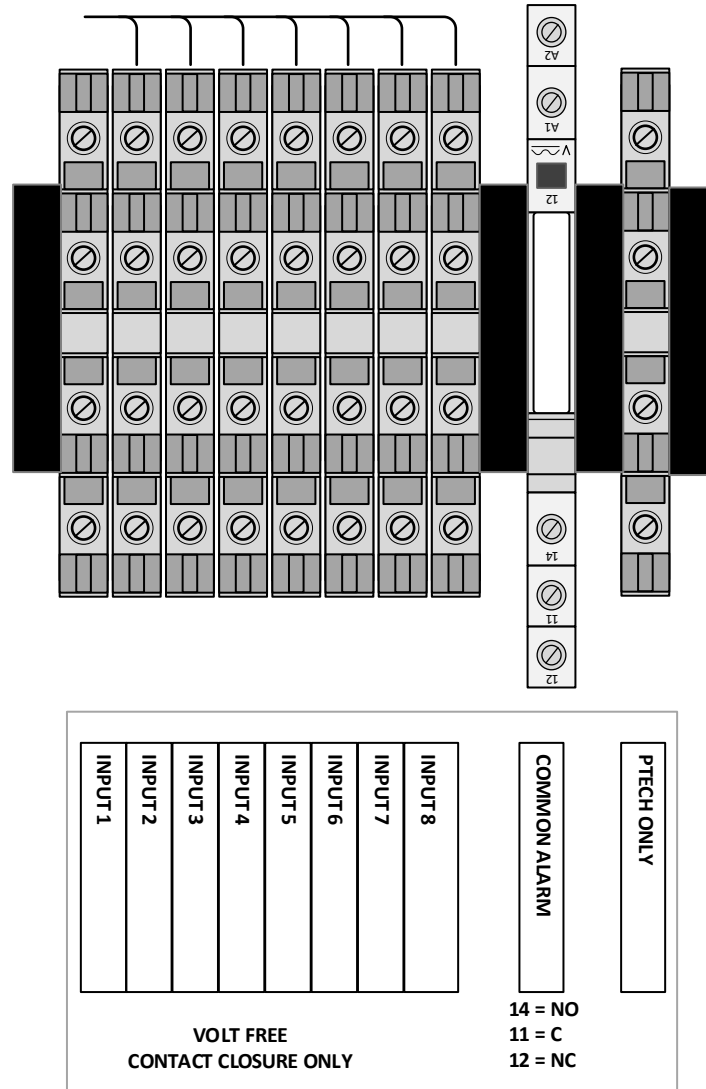
3. Low Voltage Connections

The panel includes 6 dry contact inputs and 2 thermistor analog inputs by default. Alternatively, it can be configured with 8 dry contact inputs. Custom configurations are also available—please contact Pythia Tech to discuss tailored solutions.

3.1 Default Inputs



3.2 Optional Inputs – 8 Dry Contacts



3.3 Alarm Dry Contact Inputs

Voltage free dry-contact alarm from unit. The inputs support normally open and normally closed.

3.4 Sensor Analog Inputs

10K Type II temperature sensors.

3.5 Common Alarm Output Relay

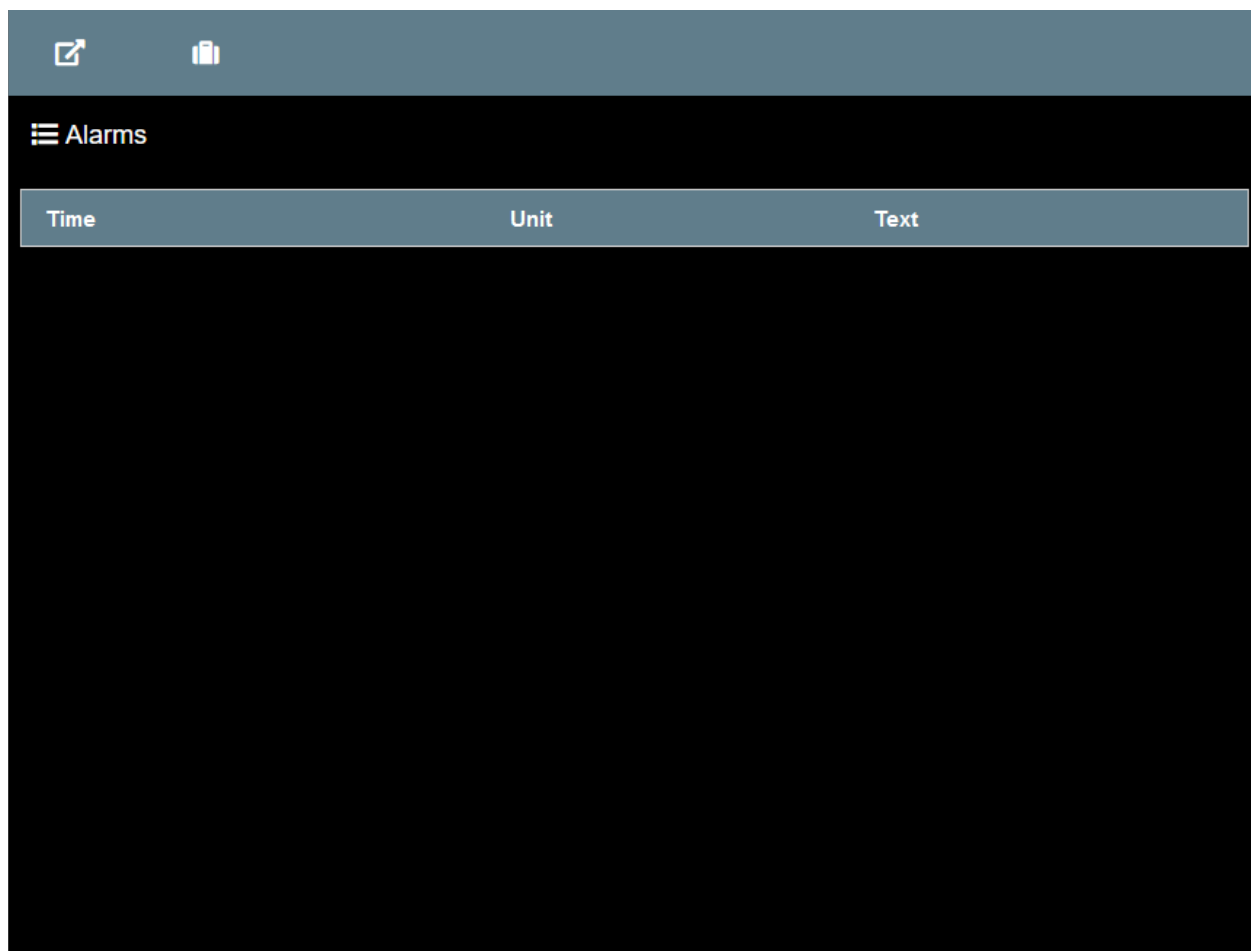
Output relay supports normally open and normally closed. Contacts rated 250VAC/6A, 30VDC/6A.

4. iPad Display

The iPad is provided for local viewing and configuration. The Safari web browser is used to view the panel web pages. Launch the browser at any time to view the panel web site.

4.1 Default View

The default view provides the status of the panel and current alarms. Note: The icon in the upper left is used to launch the panel configuration web page.



The screenshot shows the default view of the iPad application. At the top, there is a dark blue header bar with two white icons: a square with an arrow pointing up and to the right, and a square with a white outline. Below the header bar, the word "Alarms" is displayed in white text. Underneath "Alarms" is a table with three columns: "Time", "Unit", and "Text". The table is currently empty, showing only the header row.

Time	Unit	Text
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5. Network Connection

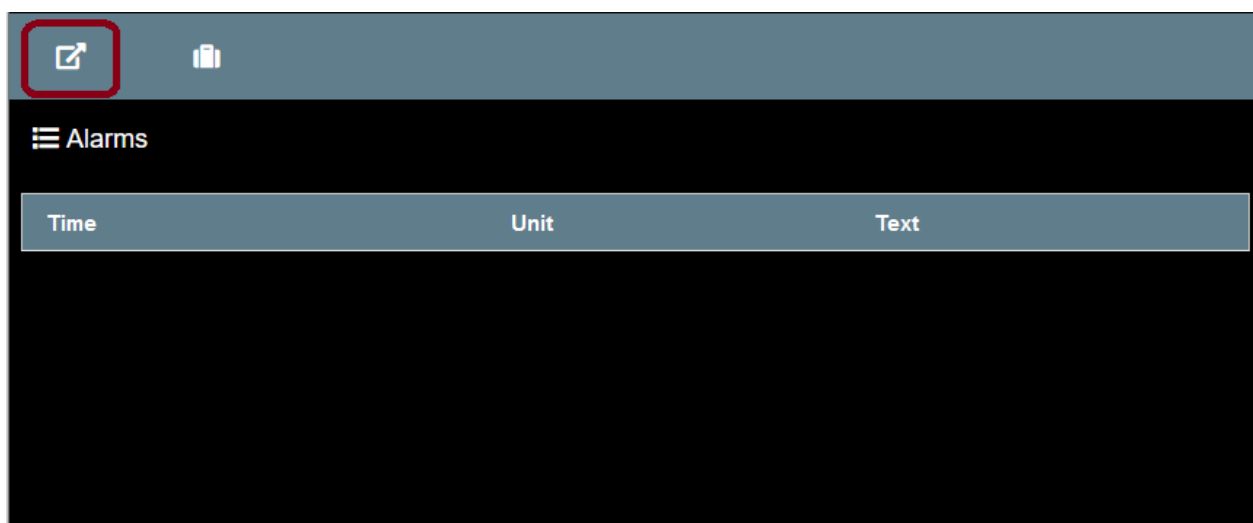
The default user is “admin”. The default password is “admin”. Users will connect to Port 0 network interface port on the bottom of the Smart Panel processor. Configure your laptop or desktop PC with an address on the same logical subnet as noted below.

Panel Default IP Address: 192.168.0.221

Your PC IP Address Example: 192.168.0.100, 255.255.0.0, 192.168.0.221



Go to <http://192.168.0.221> to view the following screen which is for viewing only. If the web page does not appear, verify your network settings, cable, etc. Click on the “URL” link icon as shown below to launch the configuration web page.



The following web page should appear. Login with the default user and password.



The login page features a background image of a server room aisle with rows of server racks on both sides, illuminated by overhead lights. In the center of the page, the text "DATA MONITORING" is displayed in a bold, blue, sans-serif font. Below this, the Pythia Technologies logo is shown, consisting of a stylized green and blue cube icon followed by the text "PYTHIA TECHNOLOGIES" in blue and "data transformation solutions" in a smaller, lighter blue font.

User:

Password: