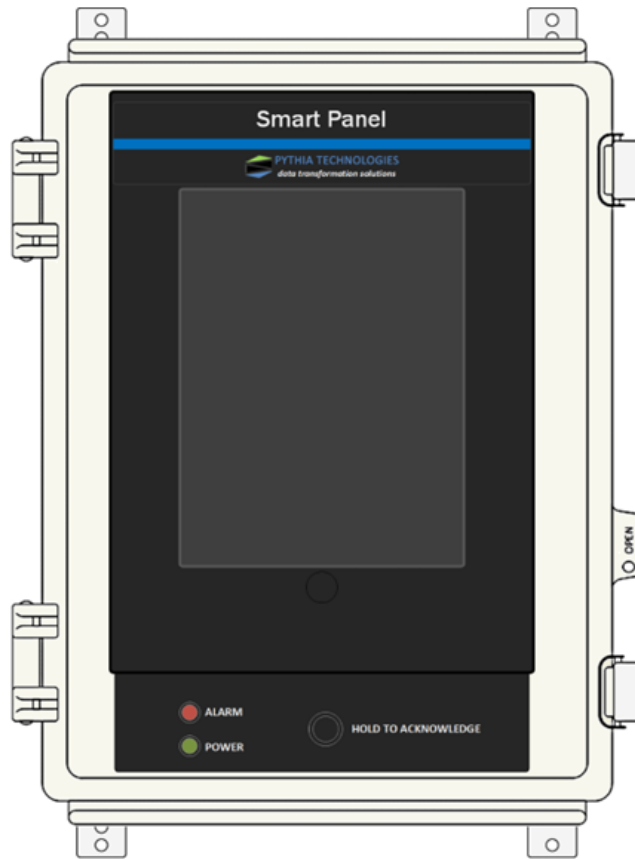




GUIDE

Smart Panel DM Cellular SPDM-CELL 5/22/2025

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1. FAQs

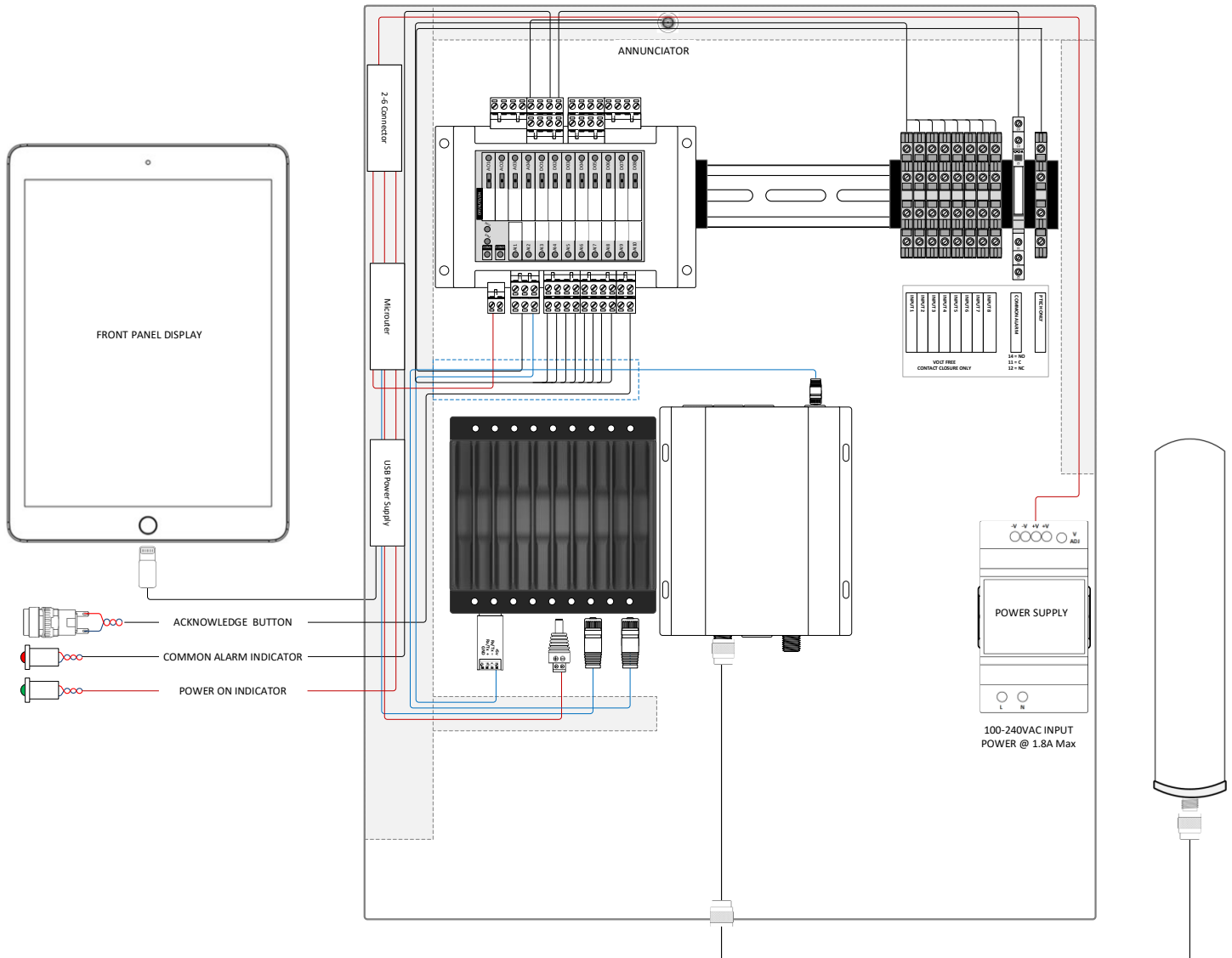
1.1 Technical Support

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



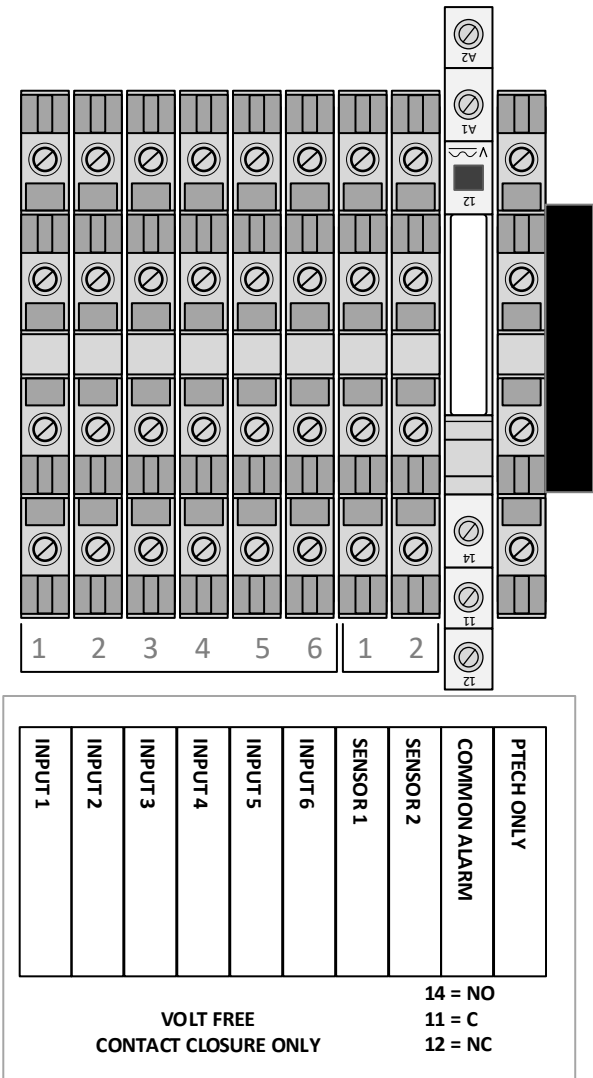
2.1 Power Supply

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

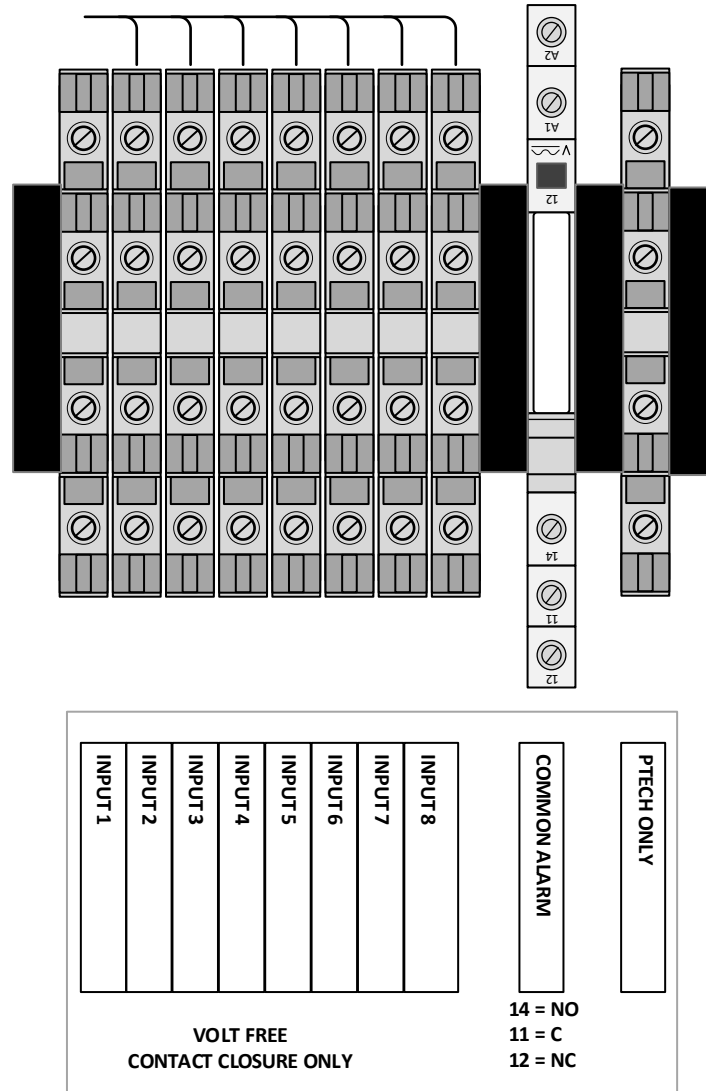
3. Low Voltage Connections

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

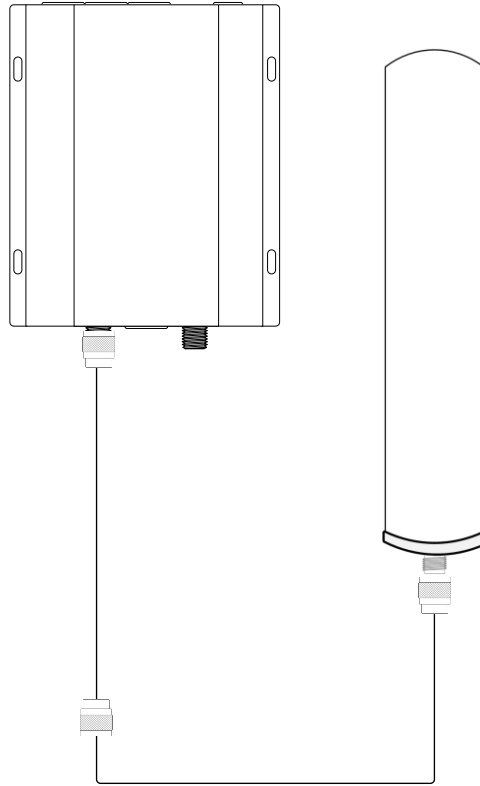
10K Type II temperature sensors.

3.5 Common Alarm Output Relay

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

4. External Antenna

The SureCall ultra-wideband outdoor Antenna connects to the bottom of the panel as shown below. The antenna is an omni-directional fiberglass antenna that operates in a 360° field of propagation with a range of up to 30 miles. This high-performance exterior antenna transmits and receives signals in all directions and is designed to cover 2G/3G/4G/5G and WLAN systems for Cellular, PCS, AWS and LTE frequencies.



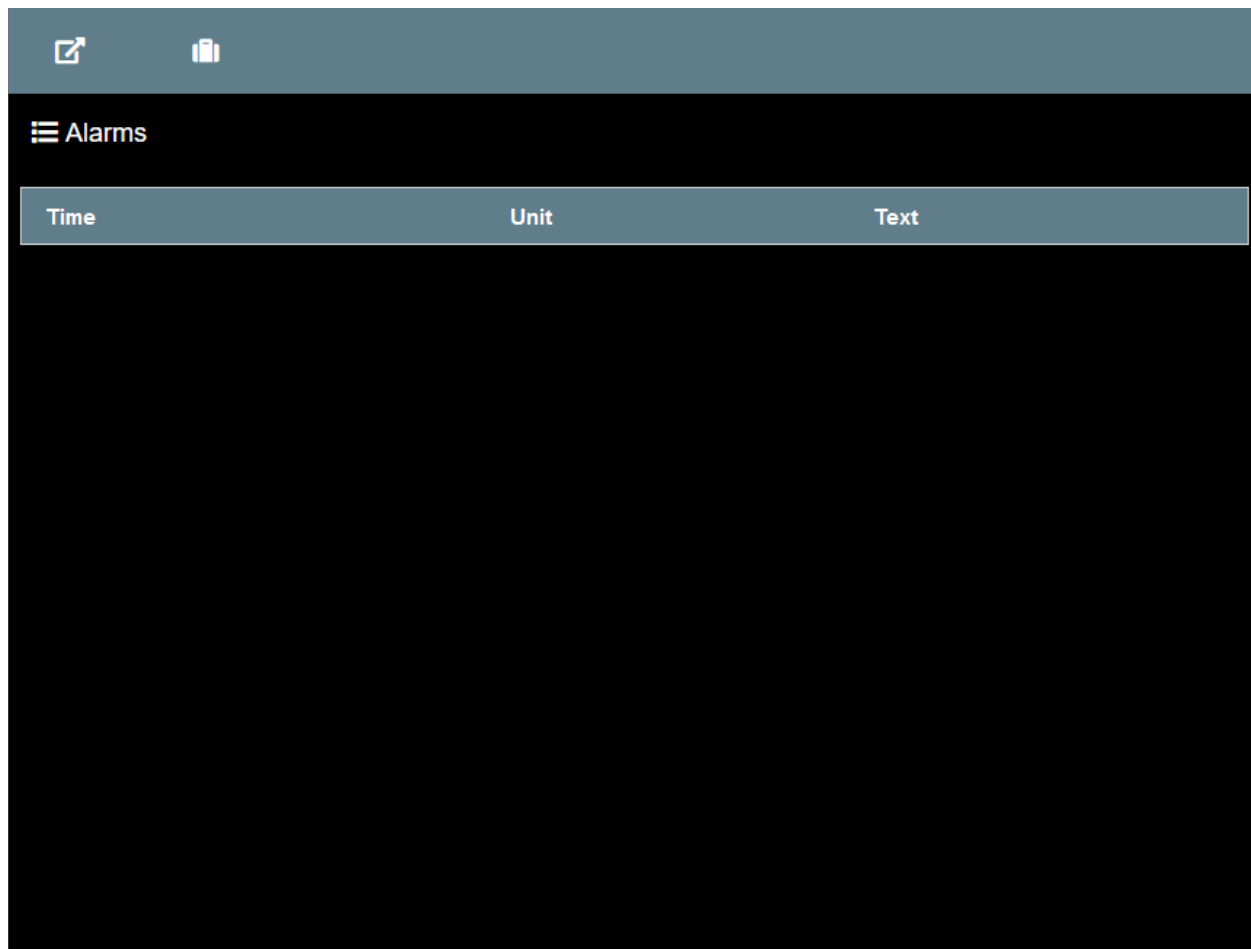
- N-Female connector
- 1.5 / 2 / 4 dBi Max Gain
- 50 Ohm
- Ultra-wideband: 2G, 3G, 4G & 5G (617 - 2700 MHz)
- Outdoor omni-directional antenna
- Includes mounting hardware
- Connects to signal booster with SC-400 cable for exterior installation.

5. 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.

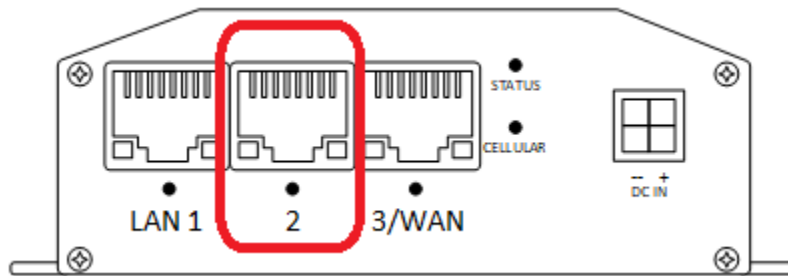
5.1 Default View

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.



6. Network Connection

The default user is “admin”. The default password is “admin”. Users will connect to Port 2 network interface port on the top of the Cellular router. Router provides DHCP addressing.



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. The text "DATA MONITORING" is centered in a bold, blue font. Below it is the Pythia Technologies logo, which consists of a stylized green and blue cube icon followed by the text "PYTHIA TECHNOLOGIES" in blue and "data transformation solutions" in a smaller, grey font.

User:

Password: