

# IRM-PM SERIES

## QUICKSTART GUIDE

### GETTING STARTED WITH YOUR IRM-PM SERIES

#### What's Included

- PM display
- Enclosure with I/O Board
- Factory Wired Room Pressure Kit (AI 12)
- Pressure Pickups (2)
- 25 ft Cat6 Cable

#### Initial Power On

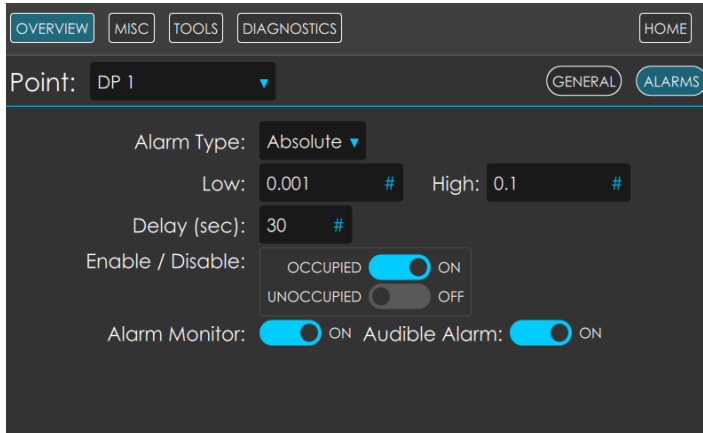
- Connect 24 VAC to I/O Board
- Connect Cat6 cable from I/O Board to PM
- From PM Home Screen:  
ROOM >>ADMIN >>SETUP OVERVIEW to customize display settings.

#### Defaults Enabled

Modes	Analog Inputs	Points
Occupied	12: CV DP 1	1: DP 1
Unoccupied	13: CV DP 2	2: DP 2
	14: CV DP 3	3: DP 3

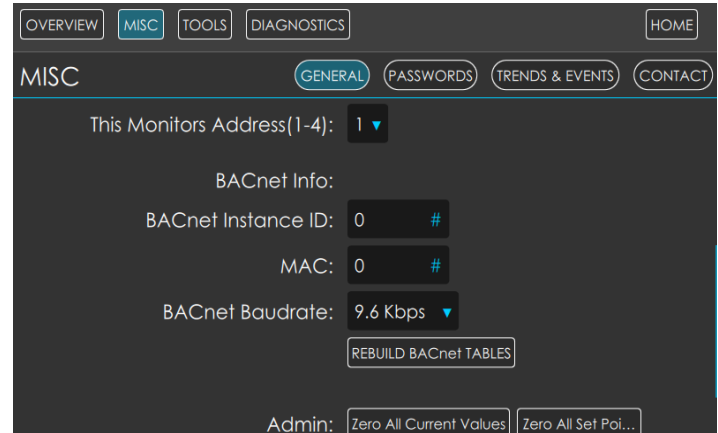
Refer to the manual for detailed configuration options.

### INITIAL SETUP



#### 1 Alarm Setup

From Point Setup (ALARMS):  
Point alarms are disabled by default.  
Configure point alarm for this room and display.

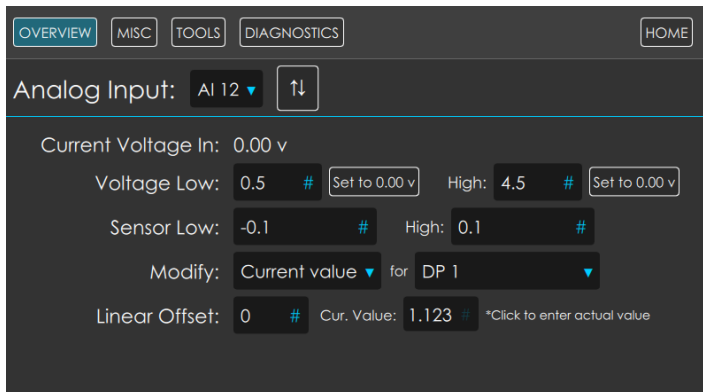


#### 2 BACnet® Setup

From MISC (GENERAL):  
Scroll down to configure BACnet® info.

⚠ Press REBUILD BACnet® TABLES after any configuration changes are made from SETUP OVERVIEW.

### FUNCTIONAL VERIFICATION



#### Functional Test of Room Pressure Kit

From AI 12 (DP 1):

- Open the door between the primary and reference space.  
Current Voltage In should read  $\approx 2.5$  V.
- Close the door between the primary and reference space.  
Current Voltage In should change by  $\geq 0.2$  V.

### TROUBLESHOOTING & COMMISSIONING

If these tests fail, troubleshoot the following:

- No voltage change: Check installation and tubing connections.
- Voltage oscillates: Ensure pressure pickups are away from airflow/drafts.

#### Commission the Room Pressure Kit

- With the door open between the primary and reference space, enter "0" in Cur. Value. The Offset will automatically update.
- If the pressure reading is reversed, switch the HI and LO tubing