

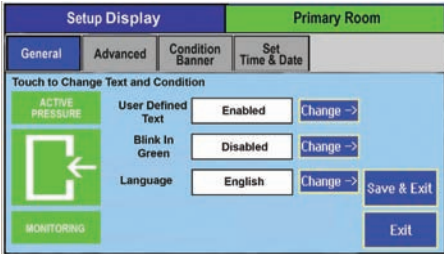
Model SRCM Quick Start Operating Guide



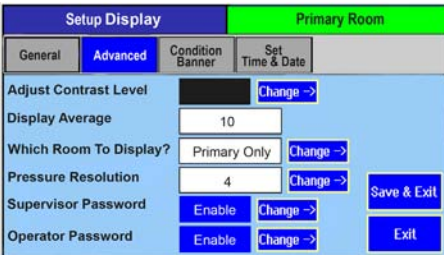
1. Condition Banner
2. Pressure Value
3. Room Label
4. Pressure Mode: Positive, Negative, Neutral (span) or Standby
5. Operation: Normal (green), Warning (yellow), Door (yellow), Alarm (red)
6. Slide bar and setpoint values

Operation

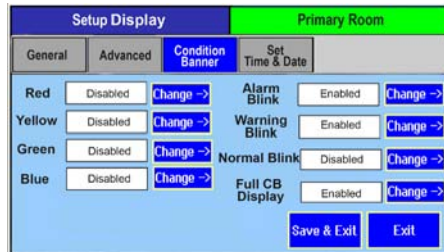
The following is a brief summary of how to operate the SRCM using the touch-screen interface. The screen has two basic functions. The primary mode of operation displays the Home screen, which shows the end-user pressure values, messages, text, and other data intended for visual pressure verification in the facility. The second mode of operation is the Administrative Menu (Menu) screen, which permits setup, configuration, and changes to how the SRCM operates. After changes have been performed on the Menu screen, functions are saved and operation returns to the Home screen. *The full SRCM Operation Manual is available in .pdf format on Setra's website at <http://www.setra.com/tra/pro/ins/SRCM Oper.pdf>.*



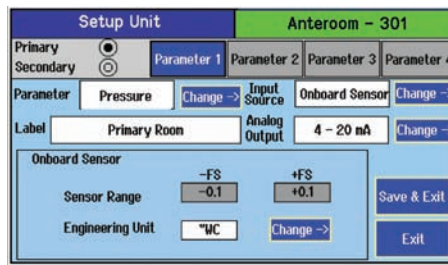
1. Change color and text of Condition Banner by pressing anywhere in the colored region.
2. Configure whether the user can change the text of the Condition Banner: Enabled or Disabled
3. Room Status: Occupied or Standby
4. Isolation Mode: Pressure mode configured for the unit: Positive, Negative or Neutral. (To change mode, refer to the Setup Alarm screen)
5. Choose whether certain parts of the screen blink, or expand banner to full screen
6. Language: Choose English or French
6. Save settings and exit



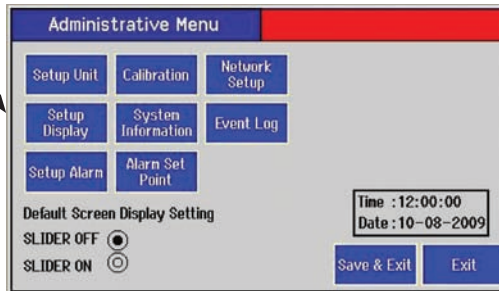
1. Primary Pressure Resolution: The number of significant digits displayed for the pressure value.
2. Define Supervisor and Operator passwords. Enable or Disable use of passwords
3. Contrast level of Home screen: Adjust from 1-4 for readability in varying lighting conditions



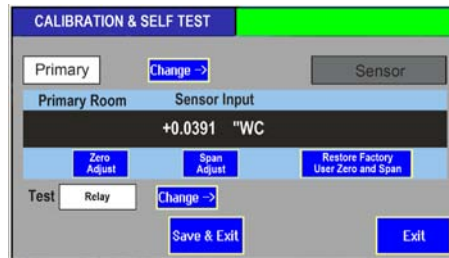
1. Enable/Disable Banner: Red, Yellow Green, Blue
2. Alarm Blink: Defines Red Alarm Indicator
3. Warning Blink: Yellow WARNING, Door Indicator
4. Normal Blink (Red/Green/Yellow Blue Blink): Banner messages and Icon (left 1/3 of home screen)
5. Full CB Display: Left 1/2 banner becomes full screen



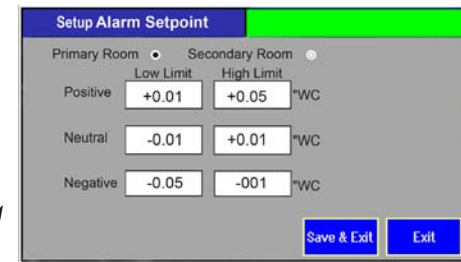
1. Setup Unit: Primary or Secondary
2. Parameter: Display up to 4 parameters: pressure, humidity, temperature, user defined
3. Input Source: Primary Room Sensor: Onboard or External
4. Input Source: Secondary Room Sensor: Onboard or External
5. Room Label: Primary or Secondary
6. Analog Output Signal: 4-20mA, 0-5 or 0-10 VDC
7. Sensor Range of Transducer: Primary or Secondary
8. Pressure value units of measure: WC or PA
9. Save settings and exit



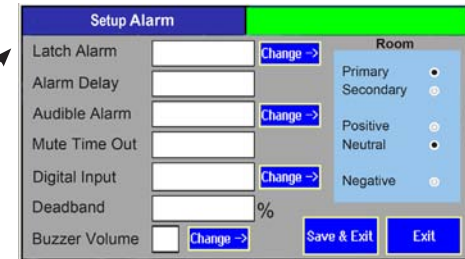
1. Setup Unit: Initial unit setup
2. Setup Display: Customizes the display
3. Setup Alarm: Setup how alarms are communicated to user
4. Slide ON/OFF: Defines whether pressure value and alarm setpoints are displayed on home screen
5. Calibration: used to re-zero or calibrate internal sensor.
6. System Info: Serial number and system info
7. Alarm setpoint values
8. Network Setup: BACnet setup screen
- 8 Event Log
9. Save settings and exit



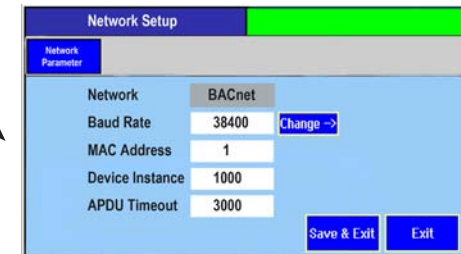
1. Zero Adjust
Pressing Zero Adjust button: "Is zero pressure applied?" message appears. If yes, press OK. If measurement is within 10% of factory zero stored, the zero value will reset.
2. Span Adjust
This requires the use of a Pressure Calibrator, such as a Setra Model 869 or equivalent. Connect tubing from the Calibrator to the low and high ports identified near the PCB markings. Apply Full Range pressure, for example ± 0.1 "WC range, use 0.1 "WC. When pressure reaches Full Range pressure, press OK button. The output at Full Range must be within 10% of the factory calibration to allow re-adjustment.
3. Restore Factory User Zero and Span
If the unit has been miscalibrated in the field, the factory zero and span settings can be restored.
4. Test
The Buzzer, Relay and Internal Memory checksum can be tested and verified.



Primary Room or Secondary: Screen is used to define the alarm setpoints. When the room is then set to Positive, Neutral, or Negative, the setpoints and conditions configured here are in effect for alarm and warning conditions.



1. Latch Alarm: Causes the display of red ALARM on home screen to remain, even if room pressurization returns to normal.
2. Alarm Delay: Time between when the pressure went outside alarm setpoints and when the unit goes into alarm mode.
3. Primary or Secondary Room: Defines which room the Setup alarm condition applies to. Primary or Secondary: Whether room pressure will be Positive, Neutral, or Negative
4. Audible Alarm: Enables or disables audible buzzer.
5. Mute Time Out: Set the time (in seconds) that the alarm will remain silent after pressing the Silence button before the audible alarm resumes.
6. Digital Input (DI) Used for monitoring door status, open or closed.
7. Deadband: Adjustable from 0 to 10% and represents the region within the setpoint range where yellow Warning is displayed on the Home Screen to indicate the pressure is near ALARM limits.
8. Buzzer Volume: Can be adjusted from 1 to four
9. Save settings and exit



- Note: With screen tilted up, enable BACnet by pushing MAC labeled dipswitch to right. Push to left after setup is completed.
1. Network Name
 2. Baud Rate: Select one for RS485 comm. from 9600, 19200, 38400, 76800 by using the change button.
 3. MAC Address: Enter Medium Access Control address value from 0 to 127 as this unit is a BACnet master.
 4. APDU Timeout: Indicates the amount of time in milliseconds between transmissions of an APDU requiring acknowledgement for which none has been received. Default value 3,000 ms; Max. value 65535.
 5. Save settings and exit
 6. After setup, cycle power to save settings (With screen tilted up, in lower right corner, pull jumper JP1.)

