BOISWOOD
GAS AND LIQUID CONTROL TECHNOLOGIES

Pressure & Vacuum
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Model SRMD
Room Monitoring Display

The SRMD is designed to provide a prominent display in critical environments. The SRMD takes inputs from critical sensors, and display the parameters in 1" illuminated LCD characters. The SRMD is sensor agnostic and accepts 0-5VDC or 0-10VDC inputs. However, it is also available to order calibrated with Setra humidity/temperature sensors, ensuring that it is ready to install out of the box, providing quick installation. The SRMD is available in single or dual configuration with a white or metallic bezel, and the LCD characters are available in three colors; red, green, and blue.

Highly Visible LCD Display
Real-time environmental monitoring is essential in critical spaces such as operating rooms, laboratories or medical manufacturing clean rooms. The SRMD is a display panel which takes sensor information and displays with 1" LCD characters. The SRMD is offered in either a single or dual display configuration with 3 color choices (red, green, blue) so that the end user can clearly see the critical parameters from up to 30' away.

Installation Without Customization
The SRMD is designed to make things easy for both the installer and the end user. The unit mounts in an off-the-shelf electrical box making the installation simple once the rough-in phase of the job is complete. The SRMD accepts either a 0-5 or 0-10 VDC input, can be calibrated for any parameter, and is powered by either 24 volts DC or AC.

Let Setra Perform the Calibration
The installer has enough to think about on the job site, so let Setra take some of the burden. When paired with Setra's SRH relative humidity sensors, the SRMD comes pre-configured and ready for installation out of the box. This drastically reduces the installation time needed for the application.

■ **Easy Out-of-the-Box Installation**
■ **Comes Calibrated with Sensors**
■ **Easy to See from Up to 30'**

Model SRMD Features:

• Single or Dual Display with Silver or White Bezel
• 1" Illuminated LCD Characters - Red, Green, or Blue
• IP-54 Wipe Down Design for Critical Applications
• Fits into Off-the-Shelf Electrical Gang Box
• Compatible with Any Analog 0-5VDC or 0-10VDC Output

Where We're Installed:

• Cleveland Hospitals
• IBA Molecular
• Marymount Hospital
• Med Central Heath System
• Pittsburgh VA Hospital

Model SRMD
Room Monitoring Display

ORDERING INFORMATION

| S | R | M | D | – | | | – | | – | | – | | – | N | – | N |

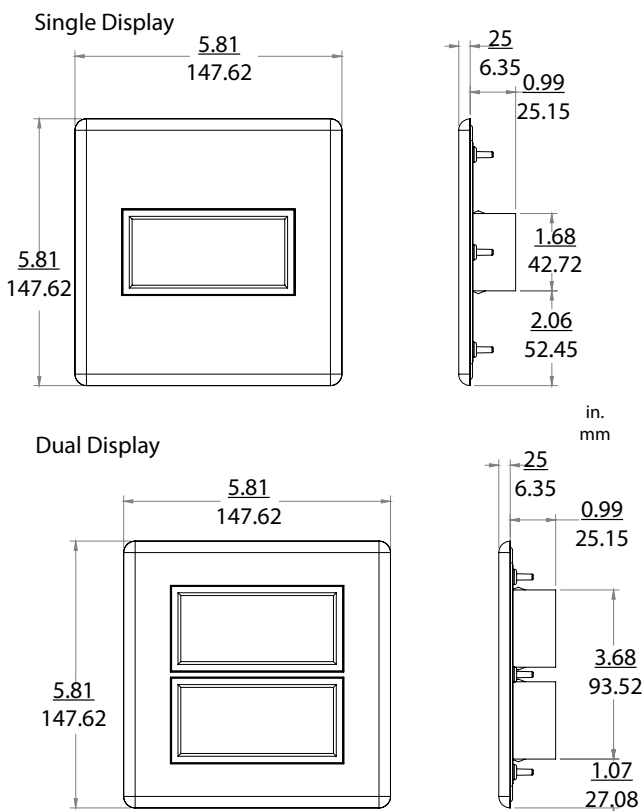| Model (Single)	Display Bezel Color		Display Color		Measurement Parameter		Sensor Option	
SRMD=SRMD	SW	White Bezel	R	Red	N	None	N	None
	SM	Metallic Bezel	G	Green	T	Temp. (14 to 140°F)	W	SRH Wall Mount SRH12PW2CT5N
			B	Blue	H	Humidity (0.0 to 100.0% RH)	D	SRH Duct Mount SRH12PD2CT5N
					A	Temp. (-58 to 140°F)	A	SRH Duct SRH12PD2T3N

Example: SRMDSWRTWNN = SRMD single display, white bezel, red display, temperature, with SRH wall mount sensor.

1. The SRH Wall Mount (W), Duct Mount (D&A) relative humidity sensors are available as an option when selecting either option A or T (Temperature) or H (Humidity).
Note: Setra's SRH relative humidity sensors contain a humidity and temperature output.
2. Dual display units configured with a SRH humidity / temperature sensor <u>cannot</u> be ordered with temperature on top and bottom (Code TT, TA, or AT) or with humidity on top and bottom (Code HH).

| S | R | M | D | – | | – | | – | | – | | – | | – | |

Model (Dual)	Display Bezel Color		Display Color (Top)		Measurement Parameter (Top Display)		Sensor Option		Display Color (Bottom)		Measurement Parameter (Bottom Display)	
SRMD=SRMD	DW	White Bezel	R	Red	N	None	N	None	R	Red	N	None
	DM	Metallic Bezel	G	Green	T	Temp. (14 to 140°F)	W	SRH Wall Mount SRH12PW2CT5N	G	Green	T	Temp. (14 to140°F)
			B	Blue	H	Humidity (0.0 to 100.0% RH	D	SRH Duct Mount SRH12PD2CT5N	B	Blue	H	Humidity (0.0 to 100.0%RH)
					A	Temp. (-58 to 140°F)	A	SRH Duct SRH12PD2T3N			A	Temp. (-58 to 140°F)

Example: SRMDDWRTWGH = SRMD dual display, white bezel, red display w/ temperature on top, SRH Wall Mount Sensor green display w/ humidity on bottom

DIMENSIONS

Single Display

Dual Display

in.
mm

GENERAL SPECIFICATIONS

Physical Description		Environmental Data	
Flush Mount Bezel	Fire Retardant UL94V-0	Operating Temp.°F (°C)	14 to +122 (-10 to +50)
Bezel Dimensions	Single Display Model - 5.9"H x 5.9"W Dual Display Model - 5.9"H x 5.9"W	Storage Temp. °F (°C)	-40 to +167 (-40 to +75)
LCD Assembly Dimension	1.89"H x 3.78"W x 1.5"D	Operating Humidity	5 to 95% RH (Non-Condensing)
Weight (approx.)	Single Display Model - 10oz (554g) Dual Display Model - 13 oz (369g)	Ingress Protection	IP54 Rated
Mounting	Standard 4-11/16 Double Gang Electrical Box	**Electrical Data (Voltage)**	
Display		Power Input	15-32 VDC or 24 VAC
LCD	Available in Red, Green or Blue Backlit 1" high 3.5 digit (±1999 counts)	Current Consumption	150mA max (per display)
Engineering Unit Labels	Jumper Selectable °F °C % PSI, PPM, "WC	Analog Signal Input	Jumper Selectable 0-5 VDC or 0-10 VDC
Decimal Point	Jumper Selectable	Adjustments	Wide Adjustable Zero & Span by 25 Turn Pots
		Accuracy	±1%FS ± 2 Counts
		Input Impedance	Greater than 300K ohms
		Sampling Rate	3 Readings per Second
		Connection	Screw Terminals