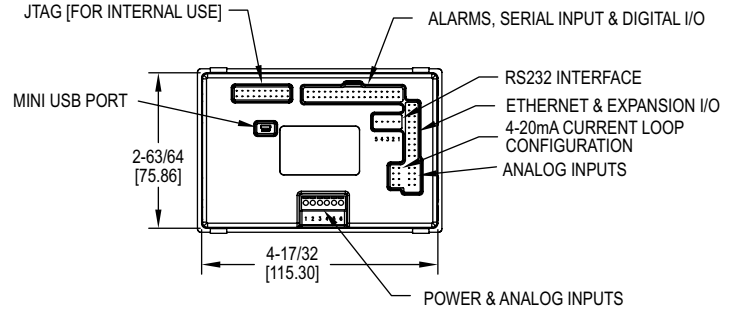
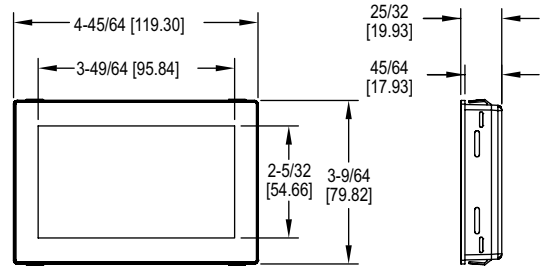


GRAPHICAL USER INTERFACE PANEL METER

4.3" (109 mm) Touch Screen Display, Fully Customizable



The **Series SPPM2 Graphical User Interface Panel Meter** is a configurable, full-color 4.3" (109 mm) touch screen display that can be used in a variety of applications. By using the free Windows® based Interface Panel Design Studio software, users can personalize the display with buttons, switches, and analog and digital scales to suit their needs. A development kit is also available, which includes a development board with buttons, dials, LEDs, and screw terminals to test the functionality of all inputs and outputs.

BENEFITS/FEATURES

- Large 4.3" touch screen display can be powered from USB or 5-30 VDC supply
- Free design software allows users to drag and drop elements onto the screen to quickly develop their specific interface
- Accepts up to 4 analog inputs, 8 digital I/O, 4 PWM outputs, and 2 open collector alarm outputs

APPLICATIONS

- Lift station pump control
- Room condition monitoring display
- Walk-in refrigeration/freezer control

MODEL CHART

Model	Description
SPPM2-43	4.3" interface panel
SPPM2-43-D	4.3" interface panel with development board

SPECIFICATIONS

Inputs: Mini-USB, 6-line screw terminal analog, 4 x ±40 V, or 4-20 mA, 8 x digital I/O.
Outputs: 4 x PWM, 2 x alarms (open collector).
Accuracy: ±0.05% ±0.1 mV (typ).
Resolution: 0.04 mV (max) or 4 decimal places.
Power Supply: USB port or 5-30 VDC.
Current Consumption: 400 mA at 5 VDC.
Display: 4.3" (10.9 cm) TFT LCD with 262k colors.
Display Resolution: 480 x 272 pixels.
Sampling Rate: 10 samples/s.
Temperature Limits: 32 to 104°F (0 to 40°C).
Warm Up: 15 s.
Mounting: Panel mount.
Electrical Connection: Multi-pin DIL's, 1 mini-USB, and 1 RS232.
Software Requirements: Compatible with Windows® 7, Windows® 8 and Windows® 10.
Weight: 6.7 oz (181 g).
Approvals: CE.

DEVELOPMENT BOARD SPECIFICATIONS

Inputs: 4 x ±5 VDC.
Outputs: 8 x digital I/O's, 4 x PWM outputs.
Serial Communication: RS232.
Power Supply: USB port or 5-30 VDC.
Weight: 19.7 oz (560 g).

Panel Meters/
Indicators

