



SENTRAN

Digital Indicator

250SS Series

The 250SS Series is a multi-purpose digital indicator. It is designed for applications that require portability coupled with fast, accurate weight readings.

The 250SS Series Digital Indicator is an accurate high response instrument that could be either AC or DC powered. The 250 Series utilizes a 24-Bit A/D converter coupled with a backlit 6-Digit LCD display with 60,000 display divisions. The 250SS Series enclosure is stainless steel with a protection class of IP67. The 250SS Series includes a universal mount for fixed or wall mounting, allowing for an adjustable display viewing angle. The 250SS Series is internally DC powered by either a direct 7-24 VDC connection, or via the included 115 VAC power cord that connects internally to a DC converter. The Model 250SS Digital Indicator is easily configurable via the keypad. The handy (f) function key can be configured to select UNITS of measure, HOLD a weight or force reading, display an absolute PEAK value, COUNT parts or stabilize a moving mass with the LIVEWT function. The 250SS Series is an ideal instrument for force and weight measurement where a robust, environmentally well sealed Digital Indicator is required.



APPLICATIONS

- General Industrial Weighing
- Remote Measurements Portability
- Inventory Monitoring
- Force Measurements

FEATURES

- 24-Bit Sigma-Delta A/D Converter
- Non-Volatile Time and Date Clock
- Liquid Crystal Display is Backlit
- AC Operation
- Stainless Steel Enclosure, IP67
- RS232 Serial Port
- Remote Sense/6-Wire Ready
- Ergonomic Design
- Two year Warranty

For more information call **1-888-545-8988**

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OPERATOR INTERFACE

Display:	LCD 6-digit; 7-segment; 0.8" (20 mm) height; with LED backlight
Display Resolution:	60,000 display divisions (dd); min of 0.25uV/division
A/D Type and Conversion:	24-bit; Sigma-Delta A/D converter (8,000,000+ internal divisions)
	20Hz with FIR filtering
Keypad:	6-key; Silicon rubber
Zero Range:	Selectable from $\pm 2\%$ to $\pm 20\%$ of F.S.
Units of Measure:	kg, lb, g, t, oz, custom
Remote Input:	1; momentary contact closure; For remote operation of any keypad key

FUNCTION

Power Requirements:	7 to 24 VDC or AC Power Cord: 115VAC 60Hz (Included)
Signal Connection:	4 or 6 lead (remote sense) plus shield
Bridge Excitation:	5 VDC; Powers 4-350 ohm load cells
Signal Input Range:	0.1-3.0 mV/V

SERIAL PORT

Serial Ports: Port 1:	RS232 bi-directional serial port
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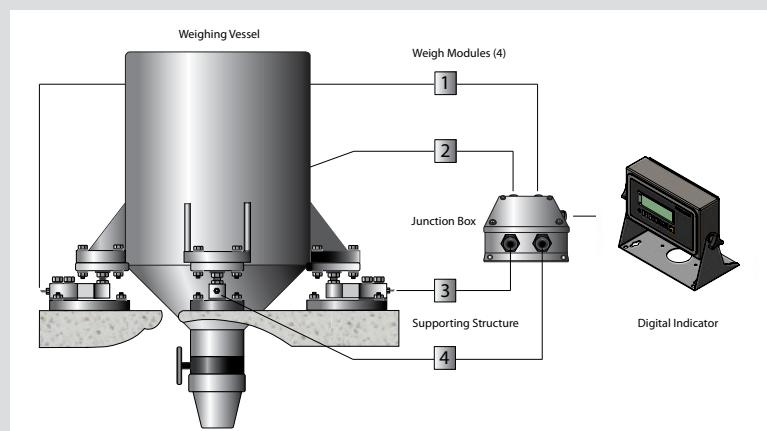
ENVIRONMENTAL

Baud Rate:	2400, 4800 or 9600 bps with selectable protocol
Operating Temperature:	-10 to +50°C (14 to 122°F)
Enclosure Material:	Stainless Steel
Sealing Rating:	IP67
Weight:	7 lbs

OPTIONS & ACCESSORIES

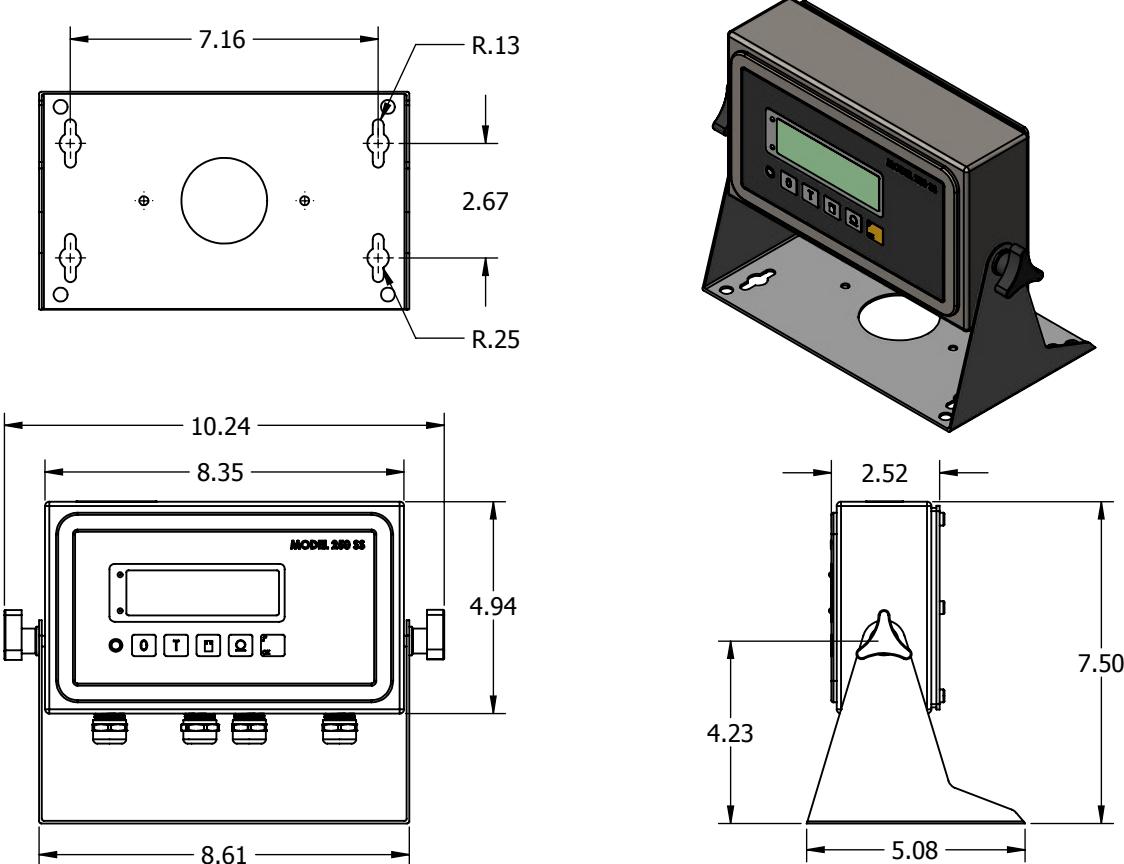
Battery:	12V battery pack (rechargeable NiMH)
Link Communication Cable:	IR (InfraRed) communication cable; For direct connection to standard computer RS232 port, (Optional)
Warranty:	2 Year Limited

Typical Weighing System



250SS Dimensions

Innovative Measurement Solutions 



DIMENSIONS IN INCHES

Legal Disclaimer



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