



## 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**



## 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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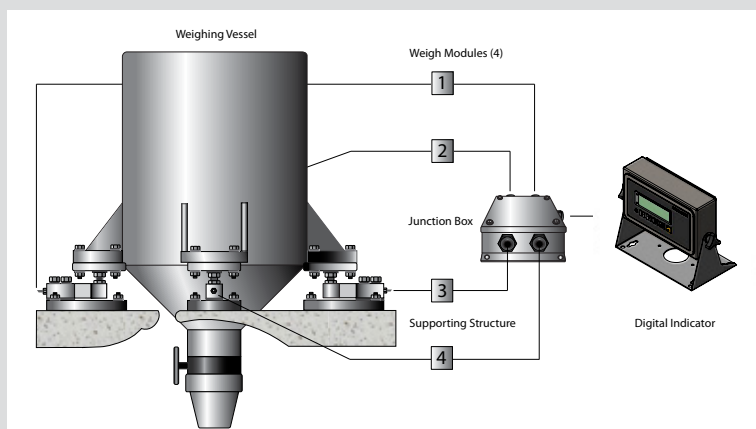
## ENVIRONMENTAL

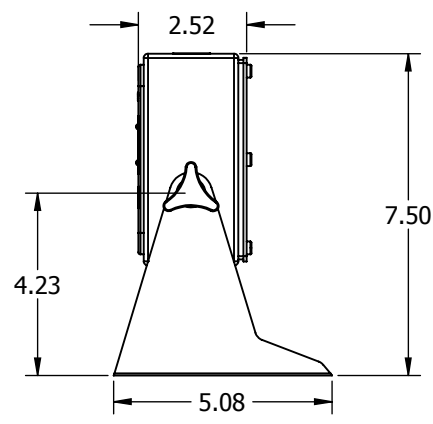
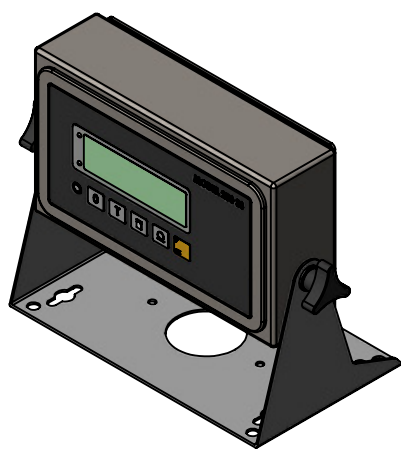
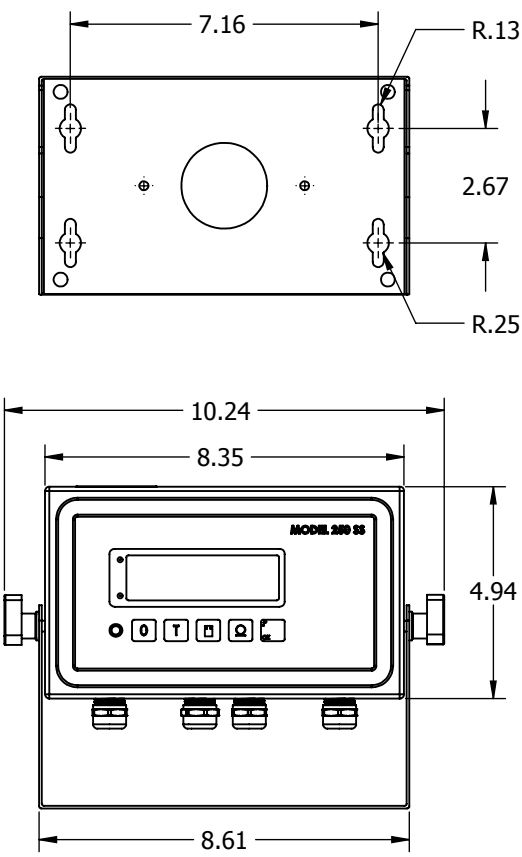
Baud Rate:	2400, 4800 or 9600 bps with selectable protocol
Operating Temperature:	-10 to +50°C (14 to 122°F)
Enclosure Material:	Stainless Steel
Sealing Rating:	IP67
Weight:	7 lbs

## 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





DIMENSIONS IN INCHES

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## Legal Disclaimer

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