

Model D100

Weighing Indicator



FEATURES

- **High-precision weighing:** Up to **1/100,000 high-resolution precision**
- **Load cell support:** Supports up to **4 × 350Ω** load cells.
- **Multiple weighing units:** **kg / g** unit selection.
- **Dual-range weighing:** Supports **1-range or 2-range capacity**.
- **Zero functions:** Auto-zero tracking, initial zero, and manual zero.
- **Communication interfaces:** Supports **RS232/serial communication** with multiple protocols.

APPLICATION

Platform Scales

Truck Scales (Weighbridge)

SPECIFICATIONS	
Display	6-digit display with ZERO, STABLE, NET, kg/g status indicators
Update Speed	30 times/s
Type	Sigma-Delta A/D conversion
Resolution	1/100,000 high-resolution precision
Input Signal	1–10 mV
Zero Adjustment Range	0–5 mV
Input Impedance	> 10 MΩ
Accuracy / Non-linearity:	±0.003% F.S. (15 bps)
Load Cell Number	Max. 4 × 350Ω load cells
Load Cell Supply:	5 V DC, 200 mA max.
Connect Type:	4-wire / 6-wire load-cell connection
Basic Weighing	Zero, Tare, Clear, Print
Functions	X10, Unit Switch, Checkweighing, Counting, Dynamic Weighing, Peak Hold, Animal Weighing
Auto Functions	Auto Zero, Auto Tare, Auto Clear Tare, Auto Print
Communication:	RS232 / Serial communication
Communication Speed	1200–115200 baud (depending on port)
Protocols	Modbus-RTU, SICS, Toledo, YH-A9, PF series, Print/APrint
Power Supply	5 V DC ±10%
Power Consumption	<8 W; typical 2.4 W with 1 load cell
Battery	3.7 V Li-ion / Li-Po
Operating Temperature	-10°C to 40°C
Humidity	35–85% RH, non-condensing
Insulation Resistance	≥ 100 MΩ