



215 INDICATOR

**NEMA 4X/IP66
Washdown
Enclosure**



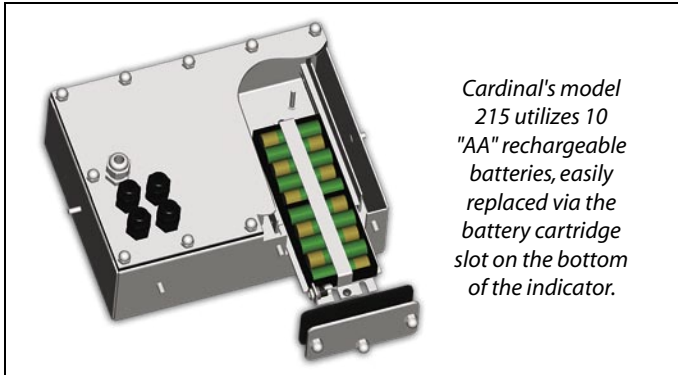
**CHOOSE
FROM A VARIETY OF
CONNECTIVITY OPTIONS**



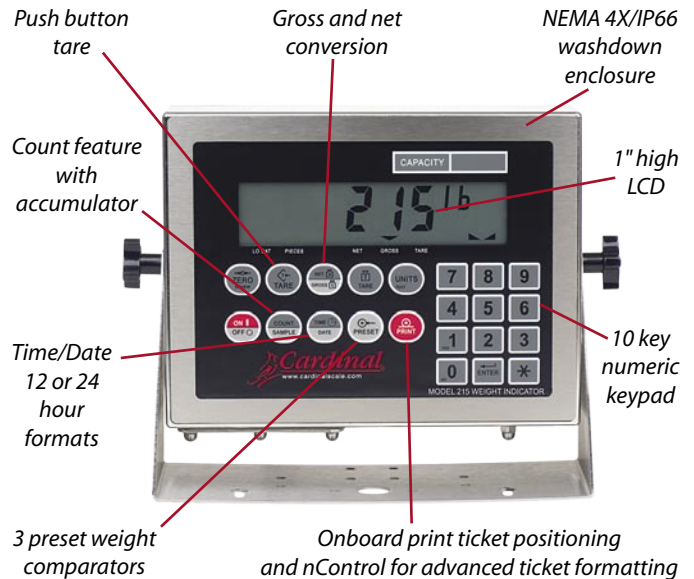
Cardinal's model 215 digital weight indicator is versatile and ideal for indoor or outdoor weighing applications with its highly-visible 1" high LCD. It features dual serial ports, multiple print formats, and powers eight load cells.

- **1" High, 6-Digit LCD Display**
- **10 "AA" Rechargeable Batteries**
- **10 Key Numeric Keypad**

215 WEIGHT INDICATOR



Cardinal's model 215 utilizes 10 "AA" rechargeable batteries, easily replaced via the battery cartridge slot on the bottom of the indicator.



215 FEATURES

- Push button tare function
- Gross, tare, net conversion
- Selectable key lockout
- Hi-Resolution mode
- Adjustable filtering
- Gross and Net accumulators
- Dual serial ports
- Remote input lines for Zero, Tare, Gross and Print (1,000 feet maximum)
- Programmable print format using Visual Print or nControl (2 Visual Tickets available)
- Field re-programmable via PC interconnection
- Test feature (performs display and internal tests)
- Auto Shutoff and Sleep modes
- Battery operation (batteries not included)
- Numeric keypad
- Keypad tare function
- Count feature with accumulator
- Time and Date with selectable 12 or 24 hour operation
- Checkweigher
- Three preset weight comparators
- Axle weigher (CWL-40) operation mode

Optional Features

- Analog output
- 10/100 Mbps Ethernet TCP/IP
- Checkweigher light bar
- Fiber optic port (glass or plastic)
- Column mounting
- Industrial Ethernet/IP
- Allen-Bradley® interface
- Additional serial port
- Panel mount kit
- External relay box
- Special filtering

215 SPECIFICATIONS

Display	6-digit, 7-segment, 1"/25mm high LCD
Weight	8.2 lb/3.7 kg - 9.6 lbs/4.3 kg with batteries
Enclosure	NEMA 4X/IP66 - 9.2" W x 7.5" H x 3.125" D 234mm W x 191mm H x 79mm D
Keyboard	Color-coded membrane type, 22 keys
Units	Pounds, pounds/ounces, ounces, kilograms, grams
Division Value	1, 2, or 5 x 10, 1, 0.1, 0.01, 0.001 commercial 0 to 99 non-commercial
Sample Rate	1 to 100 samples per second, selectable
Auto Zero Range	0.5 or 1 to 9 graduations
Load Cells	8 each, 350 ohm minimum resistance
Load Cell Cable Length	1,500 feet maximum. <i>Consult factory for other requirements.</i> 30 feet maximum without sense lines.
Excitation	12 VDC - AC power, 8 VDC - battery power
Sensitivity	NTEP 0.3uV/e (Class III/IIIL) CANADA 0.3uV/e (Class III/IIILD) OIML 0.7uV/e (Class III) NON-COMMERCIAL 0.15uV/e
Maximum Resolution	NTEP 10,000 (Class III/IIIL) CANADA 10,000 (Class III/IIILD) OIML 10,000 (Class III) NON-COMMERCIAL 240,000
Battery Operation	10 "AA" size, NiMH, minimum 2300mAh
Power	90 to 264 VAC, 50 or 60 Hz
Temp. Range	-10° to +40° C / +14° to +104° F
I/O	1 bidirectional RS232 (20mA) 1 output only RS232 (20mA)

CERTIFICATIONS

The Model 215 Indicating Element meets or exceeds Class III/IIIL, 10,000 division accuracy requirements in accordance with the NIST Handbook 44. A Certificate of Conformance Number 01-011, was issued under the National Type Evaluation Program (NTEP) of the National Conference on Weights and Measures.



NOTICE OF APPROVAL PENDING



Cardinal Scale reserves the right to improve, enhance, or modify features and specifications without prior notice.
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