REMOTE DISPLAYS

Clear and Bright For Optimal Distance Viewing

Model SB-80
- 0.8" High Display - Page 3

Model SB-250
- 2.6" High Display - Page 3

Model SB-300
- 3" High Display - Page 4

Model SB-500/SB500M
- 5" High Display - Page 2
SB-500 Remote Display

Serial, Fiber Optic or Ethernet Connectivity

- 5” (127 mm) high intensity LED display
- 10 levels of brightness
- Message board standard with SB-500M
- Cardinal’s own Smart Configuration software allows custom formats
- Autolearn mode allowing plug-and-play with virtually any digital indicator
- NEMA 4/IP65 weatherproof enclosure
- Built-in rain hood
- Mounting tabs for easy installation

Cardinal’s giant SB-500 and SB-500M remote displays are clearly visible for highway applications and flexible enough for use indoors or out. Their 5” (127 mm) high-intensity LED displays are viewable in direct sunlight with a viewing angle of 140°. These units feature ten levels of display intensity which adjust automatically via an ambient light sensor, ensuring readability both day and night. The painted mild steel, weatherproof enclosures meet NEMA 4/IP65 requirements and incorporate tabs for mounting on a vertical surface. The built-in rain hoods provide extra protection and greater visibility during inclement weather. Daisy chain multiple units together for increased visibility.

**SB-500**
The SB-500 utilizes Cardinal’s autolearn mode allowing the remote display to plug and play with virtually any digital indicator via standard RS-232 connection, 20mA, RS422/485. Alpha display of units makes the SB-500 easy to read, without confusing status lamps.

**SB-500M**
The SB-500M employs message board capabilities for directing vehicles on and off the scale or simply displaying scrolling messages. With custom configuration, the SB-500M can display moving and static alpha characters, and each digit consists of up to 24 segments for greater readability.

**SB-500S**
Choose Cardinal’s SB-500S, with stainless steel enclosure, for corrosion-free protection that stands up to rugged use in harsh environments.
The SB-250 employs many of the same features of the SB-500, but in a smaller package. Message board capabilities are standard with all SB-250s and feature digits 2.6 inches high consisting of an array of nine 5 x 7 alphanumeric characters for crisp, clean readouts of upper and lower case letter messages.

- 2.6” (66 mm) high intensity LED display
- 10 levels of brightness
- Message board standard
- Cardinal’s own Smart Configuration software allows custom formats
- Connect via serial, fiber optic, or ethernet to your digital indicator

Cardinal's SB-80 features a 0.8” high LED display, viewing range of 20 feet, AC adapter (included), and combination of desk and wall-mount stainless steel enclosure. For indoor use only, this unit is perfect for warehouse floor scales. It requires a two-wire connection to the indicator, with a maximum distance of 25 feet from the indicator for RS232 and 1,000 feet for a 20mA current loop.

- 6-digit, 0.8” high LED display
- Displays remote readout and tracks digital weight indicator
- Viewing range of 20 feet / 6 meters
- Combination desk and wall-mount stainless steel enclosure
Cardinal's SB-300 features a 3" (76 mm) high backlit LCD display and tough fiberglass NEMA 4 enclosure making it ideal for operations where weight must be read from a distance or even at night. The durable weatherproof fiberglass prohibits corrosion in abusive environments.

This remote display has been specially designed to be linked or daisy-chained to other displays which allows multiple weight data to be viewed while being powered by a single weight display.

**SPECIFICATIONS**

- **Character Height:** 3" / 76 mm
- **Character Type:** 6-digit, 7-segment
- **Display:** Transflective LCD with light sensitive backlighting
- **Display Capacity:** -99999 to 999999
- **Backlight Type:** Photo detector controlled CCFL, 10,000 Hr Life
- **Annunciators:** 6 (Zero, Gross, Net, lb, kg and Motion)
- **Ambient Light Levels:** total darkness to direct sun
- **Power Input:** 3 wire, 95 to 264 VAC, 60 Hz
- **Interface:** 20mA current loop, RS-232 (10’ / 3 m cable furnished)
- **Enclosure Rating:** NEMA 4/IP65
- **Enclosure:** Fiberglass
- **Viewing Range:** up to 100 feet / 30 m
- **Ambient Temperature:** -10° F to +120° F

Durable, weatherproof fiberglass prohibits corrosion in abusive environments.

3" high transflective display can be seen day or night... even at a distance!