

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.



Cardinal's proprietary *Smart Configuration* software allows a custom configuration through the upload of serial data. Custom design the SB-500M and SB-250 to display messages directly from a programmable indicator or PC.

Character Height	5" / 127 mm
Character Type	
SB-500 and SB500S.....	7-segment, 6-digit with decimal points and three 24-segment alpha characters
SB-500M.....	Nine 24-segment alpha characters
Annunciators	lb, kg, T, t, G, N (if output from indicator)
Ambient Light Levels	total darkness to direct sun
Power Input	115/230 VAC 50/60 Hz
Power Consumption	60 watts, maximum
Interface	20mA - active or passive, RS-232, RS-422, RS-485 fiber optic, ethernet
Display Capacity	-99999 to 999999
Enclosure Rating	NEMA 4/IP65
Enclosure	
SB-500 and SB500M.....	painted mild steel
SB-500S.....	stainless steel
Viewing Angle	+/- 70°
Viewing Range	250' / 76 m
Ambient Temperature	-15° to +130° F (-26° to 54° C)
Ambient Humidity	5 to 100%
Character Format	all standard printable ASCII characters

