



SnapStream

Wireless Truck Scale Systems

**CONNECT
without cables!**



SNAP Antenna

205 Indicator
with 2XX-SNAP
Antenna

SNAP-4x4 Junction Box

SnapStream eliminates the need for
installation of home run cable to the scale.



Wireless Truck Scale Systems



SB500 Remote Display
with 2XX-SNAP card

WINENCL-P Outdoor Printer
with SNAP-COM card

SNAPSTREAM BENEFITS:

- Eliminates cable runs to peripheral equipment such as remote displays, printers, and PC's.
- Eliminates burying costly home run cable to the scale.
- Diagnose loads cells directly from the indicator.
- Wireless Local Remote applications.
- Reduces installation time.

Cardinal's SnapStream Wireless Truck Scale System

offers a number of competitive advantages for new or pre-existing truck scale operations. SnapStream is a digitally-controlled weighing and diagnostic system designed utilizing 802.15.4 Zigbee protocol for reliable and accurate weight and data transmission. SnapStream may be used with Cardinal's model 205, 210, and 225 digital weight indicators.

SnapStream may be configured using one to 16 load cells. The SnapStream truck scale junction box accommodates two to four 4-cell analog boards. These junction boxes perform the analog-to-digital weight conversion for each load cell and can transmit data wirelessly to Cardinal's 205, 210, and 225 indicators where the weight data is displayed. Additionally, the indicators can send data wirelessly to any remote displays, printers, or local remotes Cardinal has to offer. The communications module may also be used to interface wirelessly from the weight indicator to a PC using USB, RS232 serial, or Ethernet connectivity or a printer using RS232 serial or Ethernet.

70-ft Cardinal EPR
featuring SNAP-8
Wireless Junction Box

DISTANCE RANGE:

- Up to 1 mile, line of sight

SnapStream features its own internal diagnostics displaying wireless signal strength levels between devices. When utilizing SnapStream indoors, there are factors which may prevent point-to-point wireless communications.

QUICK SET-UP WITH SNAPSTREAM

SnapStream features its own private radio frequency network. During installation, each wireless device is assigned its own unique ID number. This is done directly from the indicator during set-up.

205 Weight Indicator with 2XX-SNAP card

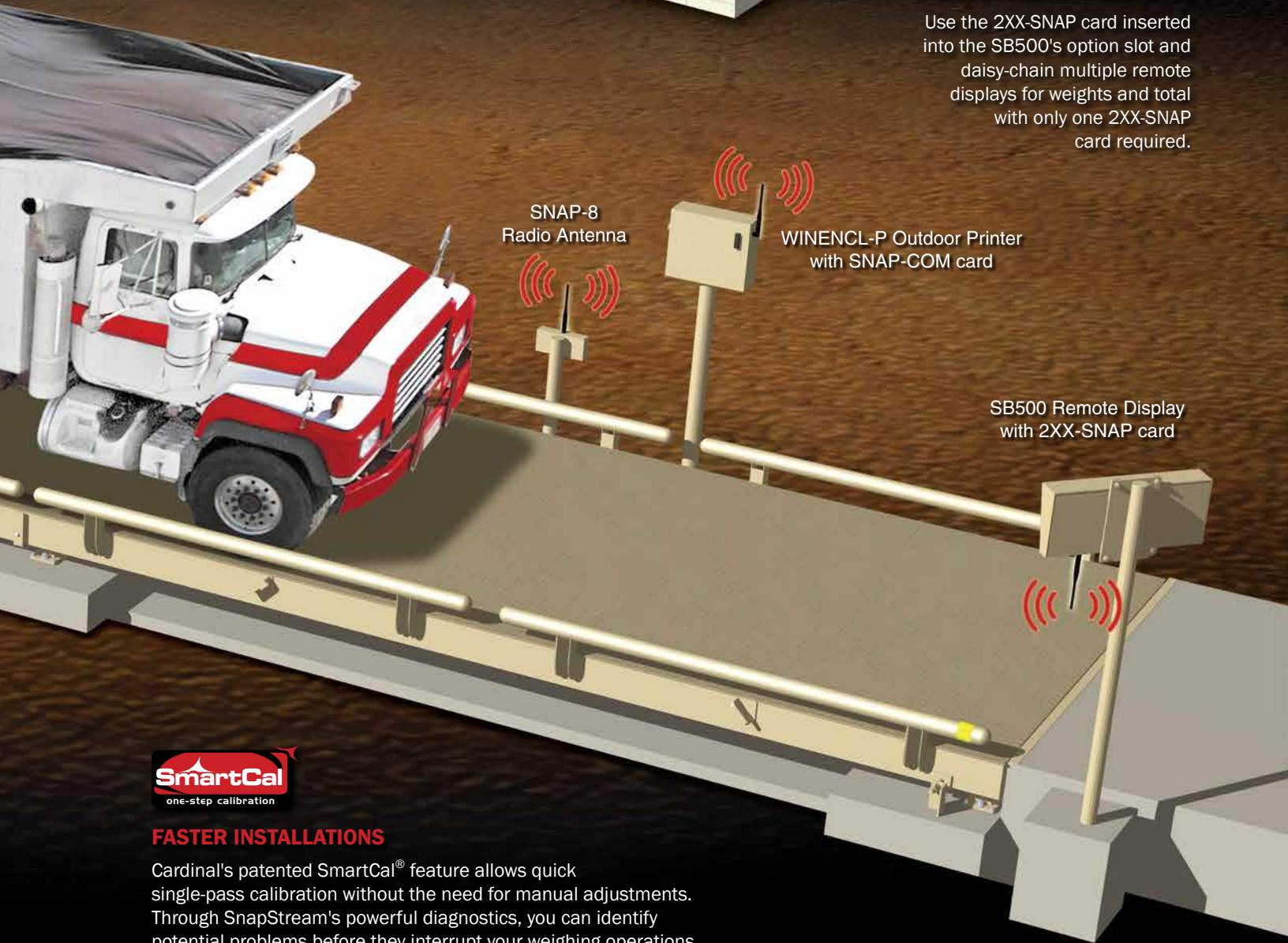
Up to 12 devices can communicate with one 2XX-SNAP at a time.



Potentially Save Thousands Of Dollars During Installation Using Cardinal's Snapstream

SB500 REMOTE DISPLAYS

Use the 2XX-SNAP card inserted into the SB500's option slot and daisy-chain multiple remote displays for weights and total with only one 2XX-SNAP card required.



SNAP-8
Radio Antenna

WINENCL-P Outdoor Printer
with SNAP-COM card

SB500 Remote Display
with 2XX-SNAP card



FASTER INSTALLATIONS

Cardinal's patented SmartCal® feature allows quick single-pass calibration without the need for manual adjustments. Through SnapStream's powerful diagnostics, you can identify potential problems before they interrupt your weighing operations.

LOAD CELL DIAGNOSTICS AT THE INDICATOR

SnapStream allows you to view individual load cell millivolt outputs directly at the 205, 210, or 225 indicator without requiring going to the scale itself.

Since SnapStream is a digitally-controlled system, the indicator's diagnostics mode allows you to troubleshoot directly from the indicator for potential issues.



SNAPSTREAM SPECIFICATIONS

Power Requirements	12 - 24 VDC at 1.0A Max
Temperature Range (Compensated)	-13 to 104 °F (-25 to +40 °C)
Sample Rate	1 to 60 samples per second, selectable
Excitation Voltage	12 VDC
Sensitivity	NON-COMMERCIAL 0.15 uV/e NTEP 0.3 uV/e (Class III/IIIL)
Scale Divisions	NON-COMMERCIAL 100 to 240,000 NTEP 100 to 100,000 (Class III/IIIL)
Internal Resolution	1 part in 16,777,216
Transmission Distance	Up to 1 mile Line of Sight (LOS), Wireless

Cardinal Scale reserves the right to improve, enhance or modify features and specifications without prior notice. SmartCal® is a registered trademark of Cardinal Scale.



The SnapStream Wireless Scale System meets all requirements of Handbook 44, issued by the National Institute of Standards and Technology and has been issued the Certificate of Conformance number **10-085**.



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