

## Benefits

- Save money by reducing installation costs
- Installation speed, flexibility, and simplicity
- Enable mobility that may not have been possible before
- No leased lines or wireless services cost
- Single radio module for worldwide license-free operation
- Low latency for real-time applications

## Features

- 900 MHz frequency hopping spread spectrum technology
- RS-232 and RS-485 data interfaces supported
- Automatic antenna diversity options available
- Outdoor model available in weather tight NEMA 4X Housing
- Remote diagnostics
- User programmable

# SmartBob II Wireless Network Solutions



BinMaster's wireless data transceiver eliminates the need for running long spans of communication cable by providing affordable, two-way wireless data communication between SmartBob Remotes mounted on-top of storage vessels and a control source on the ground. BinMaster's long-range wireless data transceiver operates in the license-free portion of the FCC designated industrial frequency band at 900 MHz.

BinInventory

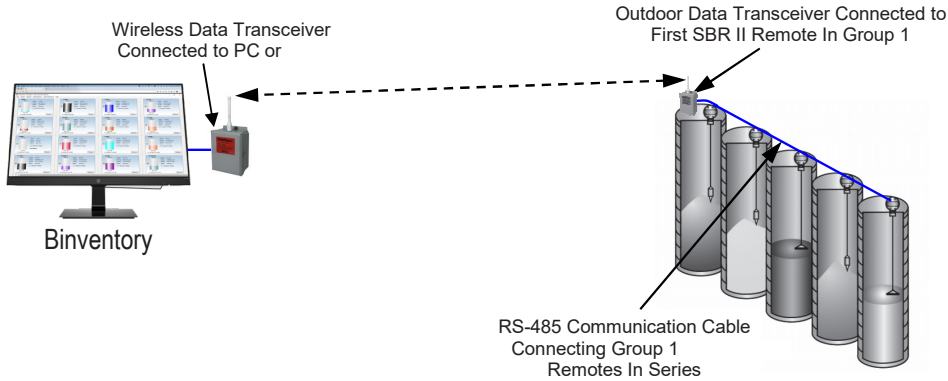
Designed to work in high interference environments, the wireless transceivers combine advanced frequency hopping and digital signal processing technology with outstanding receiver sensitivity and antenna diversity resulting in exceptional noise and interference rejection. Wireless data networks can be effective in new SmartBob installations as an alternative to wired connections and can also be used to expand the capabilities of existing systems.



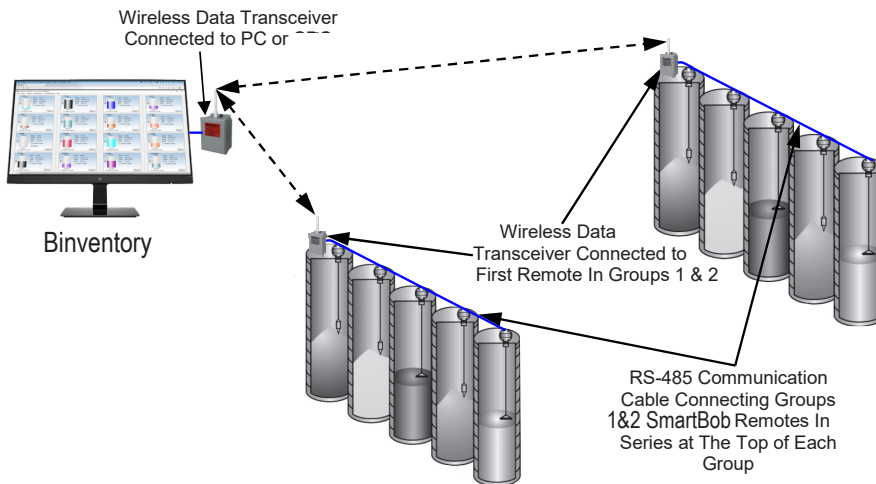
Yagi Directional Antenna Option

SmartBob II Remote Sensor with Outdoor Wireless Transceiver

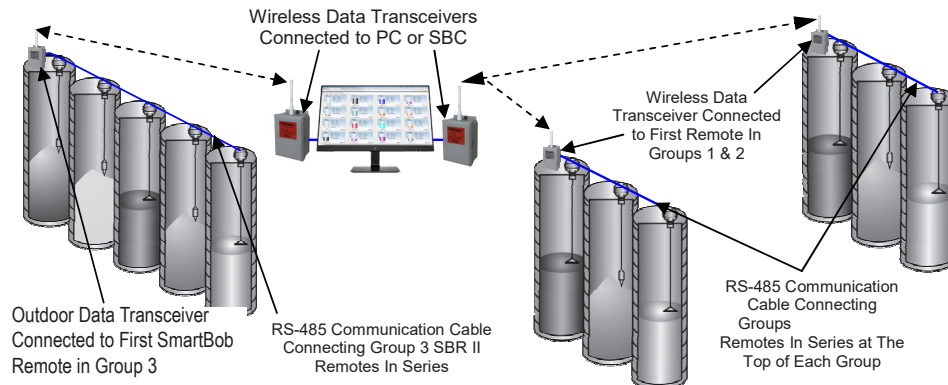
**Point-to-Point** single network wireless solution eliminates running RS-485 communication cable from the control source on the ground to the first remote in a single grouping of vessels.



**Multi-Point** single network wireless solution eliminates running RS-485 communication cable from the control source on the ground to the first remote in multiple groups of vessels.



**Point-to-Point & Multi-Point** multiple network wireless solution eliminates running RS-485 communication cable from the control source on the ground using two wireless data transceivers to the first SmartBob remote in multiple groups of vessels.



# BINMASTER®

\* Actual operating range depends on local environment, including obstructions and electrical interference