



Have Confidence in Your inventory.
Minimize Costs.
Win Your Inventory Battles.

AccuBin™ is a comprehensive, cloud-based, inventory management system that allows you to remotely monitor inventory through a user-friendly dashboard. This software provides a secure platform to view both real-time and historical trends in your inventory data. AccuBin™ is designed to eliminate the unnecessary stress and guess work out of bulk solid inventory management.

FEATURES

- User Notifications
- Safety
- User-Friendly Dashboard
- Accountability
- Data Security
- Delivery Confirmation

Hardware

Smart Node

Input Power	Weight Sensor: 9-36 VDC (+/-10%), 2W @ 12 VDC, Solar; Level Sensors: 12-48 VDC, 85-265 VAC, Solar
Enclosure	Wall Mount; Material: Plastic (94V-0)
Environmental	IP66; Temperature Rating: -4°F to 122°F (-20°C to +50 °C)
Communication	Protocol: BLE to phone calibration app
Sensor Inputs	Weight Sensors; Level Sensors
Diagnostics	Weight Sensors: Detect shorted or open sensor; Continue to sum and transmit data from remaining cells; Level Sensors: Detect fault current; Detect open or shorted 4-20mA loop

Gateway

Input Power	Input Power: 9-36 VDC (+/-10%), 2W @ 12VDC, Solar
Enclosure	Wall Mount; Material: Plastic (94V-0)
Environmental	IP66; Temperature Rating: -4°F to 122°F (-20°C to +50 °C)

Communication

Node Protocol: LoRa Wireless; Gateway Protocol: Wi-Fi or CAT M1 cellular (Wi-Fi: 1 – 30 minutes; Cellular: 5 – 30 minutes)

Software

SaaS

UI, Notifications

Mobile Browser

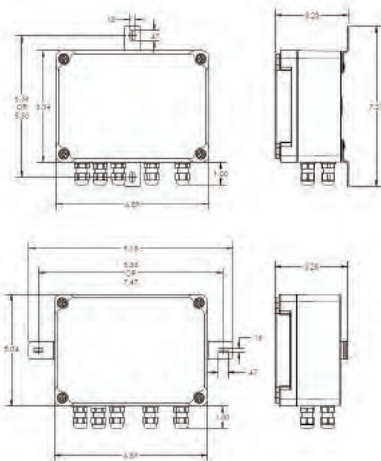
Operating System - Android; iOS

Calibration App

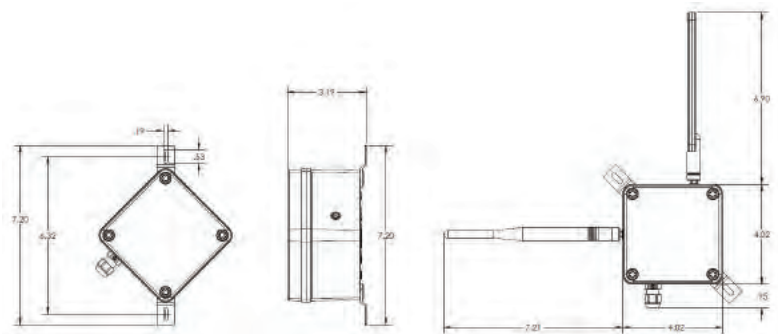
Operating System - Android; iOS
UI, Notifications

Drawings

Smart Node



Gateway



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