



Dane AiR™ DC

autonomous inventory robot

TOTAL INVENTORY VISIBILITY. REAL-TIME CONFIDENCE.

AiR™ DC delivers fully autonomous operation, replacing labor-intensive and expensive manual inventory processes.

Leveraging **30 years of experience** serving warehouse operations, nobody has more experience deploying AMRs than the Dane AiR™ DC team. Together we have over **41,000 robots deployed worldwide**, logging more than **21 million hours of autonomous operation** while capturing **over 23 million images each day**. Put our vast experience to work to deliver immediate efficiency gains in your operation.

WHY INVENTORY VISIBILITY MATTERS

Manual inventory counting is labor-intensive, time-consuming, and error-prone. In addition limited inventory visibility leads to more exceptions, inaccurate counts, and operational inefficiencies that compound over time.

Autonomously scanning your facility with AiR™ DC delivers real-time inventory intelligence with unmatched accuracy and delivers lower operating cost driving exceptional ROI.

KEY FEATURES

- ⊕ Tracks full, partial, and empty slot locations across ambient, cooler, and freezer environments
- ⊕ Operates in standard and VNA aisles, captures data up to **38' high**
- ⊕ Scans **200,000 sq ft (18,000 sq m)** in under **8 hours**
- ⊕ **99.5%+ data capture accuracy**
- ⊕ AiR Viewer user interface provides intuitive, actionable reporting
- ⊕ Highest standards for data protection, security, and operational safety
SOC 2 Type II compliant





TECHNICAL SPECIFICATIONS

Configurable to meet facility requirements.

⊕ Dimensions

Height: 14' (4267 mm), expandable up to 17'
Width: 42" (558.8 mm) circular base

⊕ Weight

350 lbs (159 kg)

⊕ Battery & Runtime

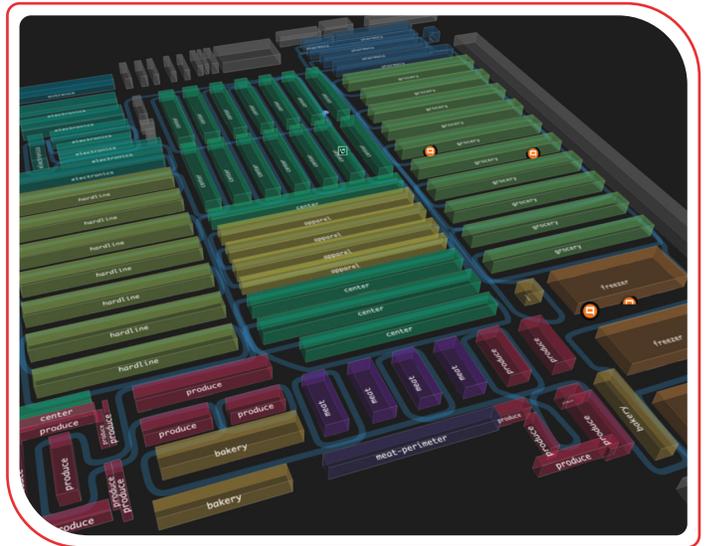
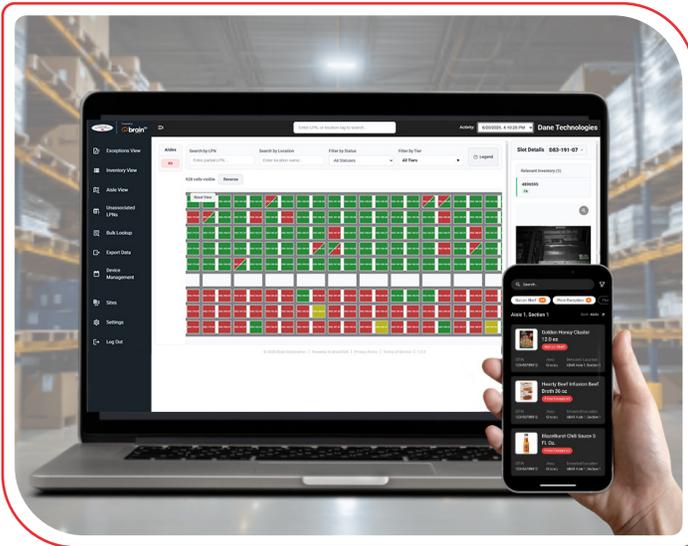
LiFePO4 battery provides up to **8 hours of runtime**
Optional **quick-swap battery system** available

⊕ Charging Time

80% charge in 2.5 hours
100% charge in 3.5 hours

⊕ Cameras & Sensors

Cognex camera systems configured to match rack height and aisle width
3D and planar LiDAR for navigation
RFID scanning option



SEE AIR™ DC IN ACTION

Learn how Dane AiR™ DC can help your operation increase inventory accuracy, reduce labor costs, and gain real-time visibility without disrupting existing workflows.

Request a Demonstration

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Scan the QR code to explore specs, videos, and deployment details.

