

tagsurveyor

Mobile RFID Asset Tracker

Key Benefits

- Automated, accurate, frequent, cost-efficient cycle counting and inventory tracking
- Powerful data visualization to locate misplaced inventory
- Reporting tools to help take action on discrepant inventory counts



KEY WORKFLOWS



Cycle Counting



Physical Inventory Check



Find Inventory



Asset Tag Tracking



TagSurveyor is part of the Fetch Cloud Robotics Platform, a flexible automation solution that maximizes productivity for a diverse set of warehouse and manufacturing workflows. Leading 3PLs, manufacturers, and retailers rely on the Fetch Cloud Robotics Platform to enable on-demand automation, instantly deploying, modifying, and scaling unmanned travel as needed.

Pinpoint Your Inventory Multiple Times Per Day

Lost or misplaced inventory can cost millions of dollars in expedites, re-orders, and write-offs, as well as wasted hours searching for inventory. Manual counts are time consuming and error-prone. Tagging assets with RFID immediately improves inventory tracking, increases accuracy, and saves time.

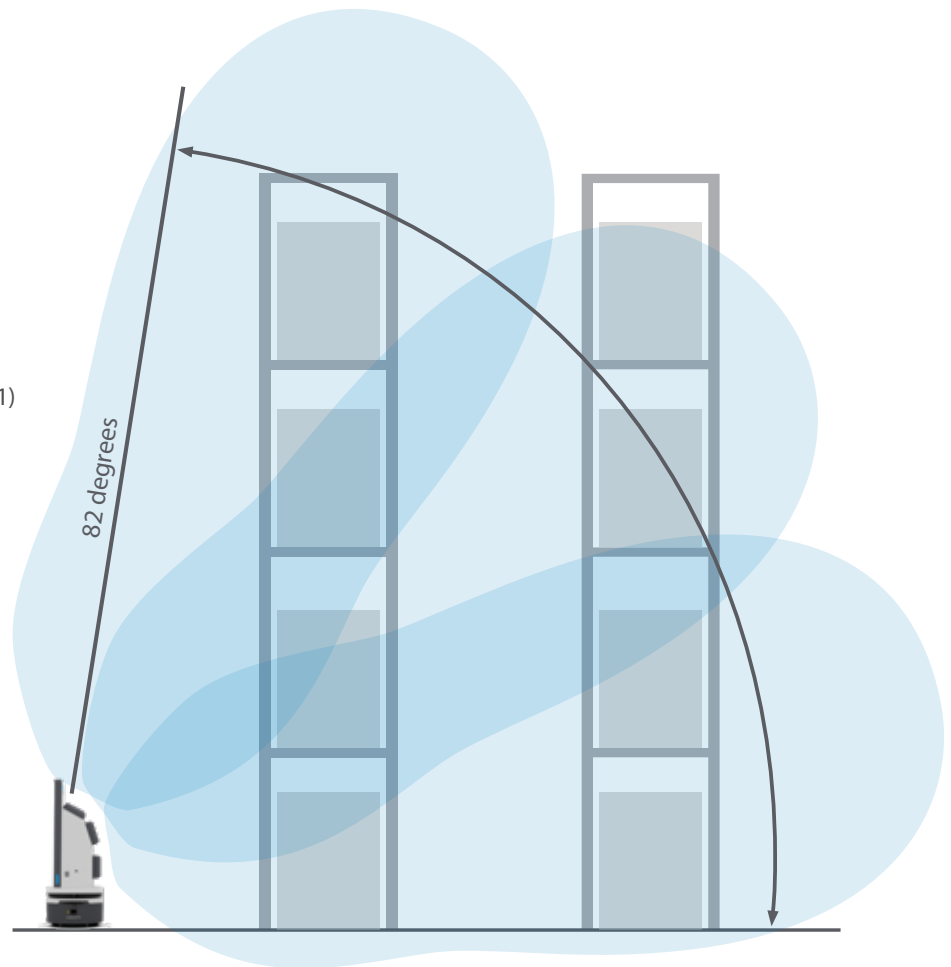
With the TagSurveyor solution, warehouses and manufacturing facilities can increase the frequency of inventory counts from once a month to multiple times a day, even with the largest operations. Facilities across both the private and public sector use TagSurveyor to keep track of assets.

Robot Specifications

Weight	91kg (200lbs)
Height	1.3m (4ft 5in)
Footprint	57.3cm (22.6in) diameter
Maximum Speed	1.5m/s (3.4mph)
Turning Radius	Turn in place
Runtime	~9hrs
Environment	Indoor
Charging	Autonomous
Charge Time	3hrs to 90%
2D Laser Sensor	25m (82ft), 220 degrees (x1)
3D Camera	Yes (x2)

RFID Specifications

Output Power	Up to 4W EIRP (Equivalent Isotropic Radiated Power)
Antennas	Circular Polarized Antennas (x3)
Antennas Gain	4.4dB (+/- 1dB)
Carrier Frequency	902.75-927.25 MHz
RFID Protocol	EPC UHF Class 1 Gen 2, ISO 18000-C
Read Range	Up to 7.6m (25ft)*



*Read range, coverage, and sensitivity will vary based on environment, tag placement, and tag density.



Fetch Robotics' TagSurveyor carries a CE mark and meets regulatory requirements for product safety.



WARNING: This product uses components which emit invisible laser radiation. Incorrect use or observing the safety laser scanner through optical instruments (such as magnifying glasses, lenses, telescopes) may be hazardous for the eyes.

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LAUBNER®
LAUBNER
Auto-ID Solutions

Andreas Laubner GmbH
Röntgenstraße 4
67133 Maxdorf
Germany

info@laubner.com
+49 (0) 6237 924 38 0
www.laubner.com