



## 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.

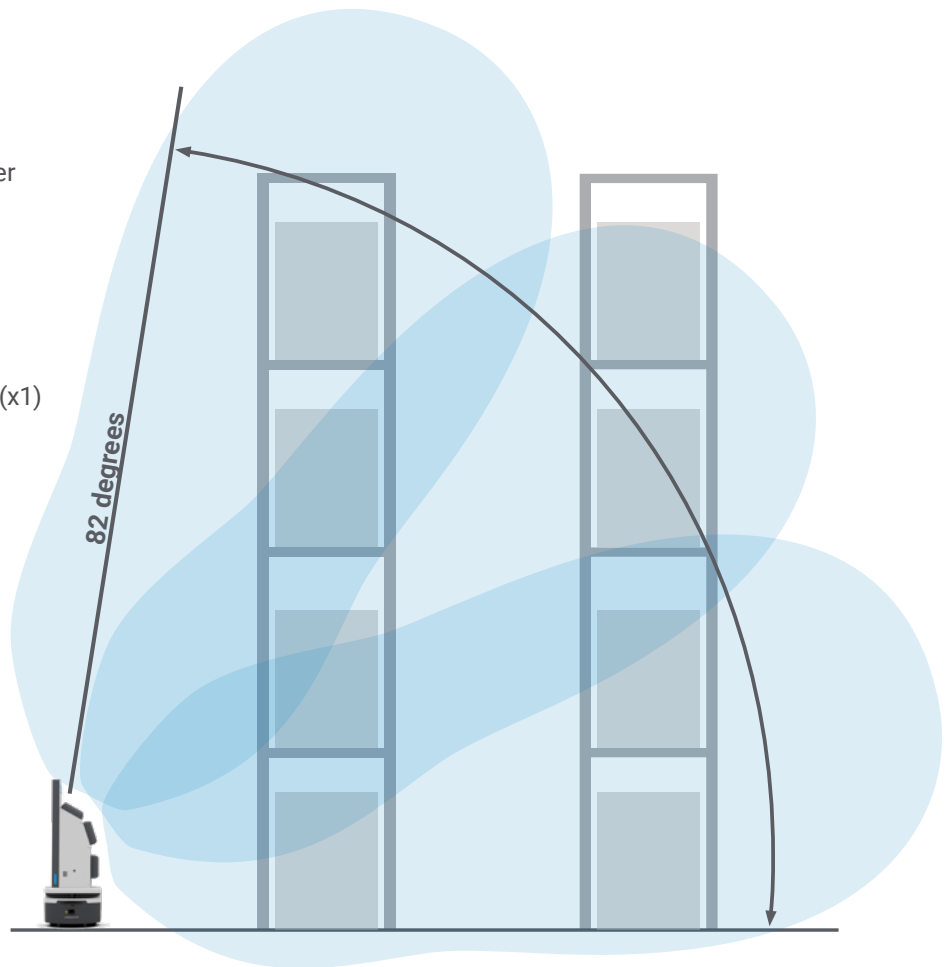
With the TagSurveyor solution, warehouses and manufacturing facilities can increase the frequency of inventory counts from once a month to multiple times a day, even with the largest operations. Facilities across both the private and public sector use TagSurveyor to keep track of assets.

### Robot Specifications

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

### RFID Specifications

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