

# Tower Inventory System – Expandable Robotic

## TIS - ER <sup>TM</sup>

(Patent Number 10102499)

- ✓ Patented RFID Solution
- ✓ 100% Accuracy and Visibility
- ✓ Completely Autonomous System
- ✓ Automatically Expandable / Contractable
- ✓ Totally Self-contained
- ✓ 3D Asset Location (patented)
- ✓ Reduce recurring costs associated with

Inventory and Cycle Counts



# TIS-ER<sup>TM</sup> Specifications

(Tower Inventory System - Expandable Robotic)

- Fully autonomous and self-contained
- Conveyed with Omron LD250 or LD1500 Robot system
- Can be configured from 6 to 30 feet depending on customer site needs
- Can be configured to be expandable to accommodate movement through doorways
- Self-contained power systems providing up to 12 hours of continuous operation
- Quick recharge capability time dependent on system configuration
- Configured with Wi-Fi or direct connect data transfer for secure sights.
- Data transferred is only RFID tag number for optimized security
- Storage footprint of TIS-ER is equivalent to one pallet
- System and integration are designed optimize RFID read rates
- Customized colors, logos and lettering available (additional costs/lead times)
- Each TIS-ER is built to order, typical lead time is 8-10 weeks. (Current supply issues may impact delivery)
  
- TIS Software
  - Open Architecture – easy to exchange data with different data sources
  - Integrates with existing ERP / MRP systems
  - Includes handheld module to inventory hard to read items
  - Provides discrepancy reports that identifies items that were not read during inventory cycle counts