Passive RFID Tag RTLS
Locate RFID Tags in Real Time

SPR/A+=Single Piece Reader & Antenna

Business Content

With 40+ years of experience RFID Inc. is a leader in cutting edge RFID applications. These RTLS overhead RFID solutions employ an all-in-one reader with steerable phased array antenna technology. Open APIs directly link to various partner middleware, software apps and warehouse management systems for an end-to-end solution. This IoT breakthrough turns real-time location opportunities into battery-free RFID solutions and seamlessly solves indoor inventory, asset, tools and forklift traceability.

Competitive Advantage

✓ Alternative to costly battery-powered UWB and BLE sensors
✓ 1-3ft pinpoint location data from battery-free RFID tags
✓ 3X install heights (up to 50 f Ceilings)
✓ 4X scan coverage area
✓ 50% or less capex
✓ Easy setup & integration
✓ Low Maintenance
✓ Made in United States

Dock Door & Wide-Area RTLS Solution Overview & Benefits

REAL-TIME INVENTORY MANAGEMENT
Make data driven inventory decisions
- Increase inventory accuracy
- Reduce buffer stock & manual audits/counts

ASSET PRODUCTIVITY
Track equipment & tools
- Increase utilization of assets
- Improve processes & sequencing

ASSET TRACKING
Know location of key items
- Reduce lost items or errors
- Track/trace defects and recalls

SHRINK/LOSS PRVENTION
Identify trends, reduce waste
- Identify shrink trends/sources
- Identify last location of item

RECORD OF CUSTODY
Provide value added services
- Improve accuracy
- Increase customer satisfaction

PICK AND PACK
Direct process & improve verification
- Improve speed
- Reduce error rates & manual labor

AUTOMATED SHIPPING & RECEIVING
Eliminate dock door manual scans
- Increase handling speed
- Reduce manual labors, FTEs & error rates

PROCESS OPTIMIZATION
Insight to adapt approach for efficiency
- Reduce service interruption
- Improve process efficiency/flow & space utilization

Long-Range RAIN RFID Tag Encoding Technology

SPR/A+ provides RTLS data which is filtered and customized through the Operating System. It is an essential component to delivering hands-free, continuous, 3D location and encoding of RAIN RFID (Passive UHF) Tags. Both the SPR/A-445B and the larger SPR/A-490 have long read-range capabilities and flexible mounting options suited for high-ceilings and wide areas.

IDENTIFY

LOCATE

TRACK

High Ceiling, Fixed Infrastructure Tracks Everything Using Cost Effective RAIN RFID Tags

SPR/A-445B

SPR/A-490

50 Feet Ceiling

30 Feet Ceiling

Hands-free, Wide Area, Always On, Continuous Scanning

Impressive Performance	SPR/A-445B	SPR/A-490
Tag Read Distance (ft)	45	90
Mounting Height (ft)	$10 - 30$	$25 - 50$
Tag Read Period (ms)	8	8
Location Accuracy (ft)	$1 - 3$	$2 - 4$
Data & Power Source	PoE	PoE+

DESIGNED
ENGINEERED
ASSEMBLED
IN THE USA