

# Atlas Cargo Tag



## DATA SHEET

### FEATURES

- Read range of 50+ ft. on metal or non-metal surfaces
- Rugged ABS exterior to endure extended outdoor exposure
- Industrial design withstands repeated exposure to vibration, temperature extremes, mechanical shock and salt sprays
- Broadband performance provides functionality from 860-960 MHz
- 96-bit EPC memory plus 512-bit user memory for additional information storage

### BENEFITS

- Enables a more cost-effective long-range tracking solution versus active tags
- Enables global tracking of containers and cargo
- Enables efficient and reliable tracking of assets during transportation
- Increases security

### INDUSTRIES

- Transportation
- Aerospace/Marine
- Government/Military
- Automotive



### FINALLY, A REAL ALTERNATIVE TO ACTIVE TAGS

For long range vehicles, rail or trailer locating applications, the Atlas Cargo tag provides exceptional read distances of 50 + ft. in a durable, weather-resistant package. Engineered for use on most surfaces, the Atlas is designed with outdoor and industrial environments in mind and will withstand repeated exposure to vibration, weather elements, salt sprays and more. With its extended read range, the 5" x 8", ABS-protected tag is a real alternative in applications previously requiring costlier active tags. These include:

- Cargo and container tracking
- Yard/fleet Management
- Military asset tracking
- Rail car identification and tracking

### PHYSICAL

Dimensions	• 5" x 8" x 0.525"
Use Case	On metal applications
Attachment	Manual, 4 screw holes

### UNMATCHED INNOVATION

RCD's Asset Tracking tags are specifically designed to provide visibility into your business assets; Assets which define your competitive advantage and business efficiency. Engineered specifically for long range and demanding outdoor environments, the Atlas Cargo Tag provides the right technology, and the right performance.

### ELECTRICAL/RF

Frequency	• 860 - 960 MHz
IC Platform	Alien Technology • Higgs 3
IC Memory	• 96-bit EPC • 512-bit user memory
Typical Read Range (fixed reader)	• 50 + ft.

### ENVIRONMENTAL

Classification	IP68
Operational Temp.	• -50°C to +85°C • -58°F to +185°F
Vibration <sup>1</sup>	IEC EN 60068-2
Shock	Product drop: 4 feet to concrete (23°C)

<sup>1</sup>Product has been engineered to IEC EN 60068-2

### ABOUT RCD

RCD Technology's integrated and custom approach to RFID problems fosters innovation to provide products optimized to specific application needs. For additional information on our products and capabilities, go to [www.rcdtechnology.com](http://www.rcdtechnology.com) or call 215-529-9440.

