RCD TECHNOLOGY

Asset Visibility Through Innovation

CHARACTERISTICS

- Extremely small, right-sized form factor perfect for IT Equipment
- 512-bits of user memory for value-added capabilities
- Read range and reliability balanced for use on metal and non-metal surfaces
- Exceeds FSTC read distance requirements
- Available with Barcode and Human Readable data label

APPLICATIONS

Efficient IT tracking and management of:

- IT Assets such as:
  - Racks/Servers
  - Computers/Laptops
  - Drives, devices and other IT accessories
- Other metal assets such as:
  - Tools
  - Metal pallets/racks
  - Electronic component cabinets
- Other non-metal assets such as:
  - Painted computer housings
  - Plastic-coated components
  - Electronic component cabinets

ONLY RCD

Enterprise companies and government and military agencies alike have come to realize that the success of any RFID solution starts and ends with the RFID tag; And they continue to choose RCD tags for their consistently superior performance, security, durability and quality. RCD's integrated and custom approach to RFID problems fosters innovation to provide products optimized to specific application needs.

Sentry

PHYSICAL	
Dimensions	• 36.3 mm x 10.9 mm x 5.6 mm • 1.43" x 0.43" x 0.22"
Weight	• 3.5 grams
Attachment	High performance acrylic adhesive

ENVIRONMENTAL	
Classification	IP67 - Dust tight / Protected against temporary submersion in water
Operational Temp.	• -50°C to +85°C • -58°F to +185°F
Steel Ball Drop Test	passes 18" (0.5 m) drop with 1" (2.5 cm) diameter steel ball
Vibration/Shock Resistance	High

ELECTRICAL	
Frequency	• 902-928 MHz
IC Platform	Alien Technology • Higgs 3
IC Memory	• 96-bit EPC • 512-bit User Memory
TID	• 64-bit
Typical Read Range	Most surfaces
fixed reader handheld reader	• 7 ft (app. 2.1m) • 6 ft. (app. 1.8 m)

OTHER	
Options	Bar coding, Programming
Warranty	Limited
Product Code	AST1-022-00000xx

ABOUT RCD

RCD Technology delivers high value solutions that solve problems in Security and Authentication, for Enterprises and Governments. RCD's application-specific RFID tag offerings include passive HF and UHF inlays, prelams and finished tags. Unique to RCD are patented antenna and ASIC attachment processes, RCDSecure, a feature that renders a tag useless if tampered with, and RCDAuthenticate, a patent-pending, data-driven field authentication technology. RCD's Quakertown, PA manufacturing facility is ISO9001:2000 certified.

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Specifications are subject to change without notice.