STALLION

Smarter... Faster... Higher...

STA L10150 RFID Label

Ultra High Frequency 860-960MHz

Robust Design & Exceptional Design

Features

— ISO 18000-6C Compliant

— UHF 860-960MHz

— Tag adhesive enables easy attachment

— Fully compatible with bar code printer

— Optimized for "Slap and Ship"

— Anti-collision

— Best of Class performance at low cost

— Seamless Integration into paper substrate

Overview

The RFID label STA L10150 consists of 860-960MHz UHF (Ultra high frequency) transponders that are compliant with EPCglobal C1 Gen 2 standard.

These products offer four memory banks, including 96-bit EPC number, 64-bitTag ID, 32-bit Passwords, 32-bit kill password and 224-bit optional user memory, that can each be independently locked with a password to prevent overwriting. In addition, the locking structure is protected by a 32-bit password, offering a stronger level of security.

STA L10150 delivers exceptional EPC Gen 2 range and reliability in a flexible form factor at competitive prices.

Applications

The STA L10150 labels are well suited for usage in a broad range of applications including:

— Consumer Products

— Logistics

— Manufacturing

Product Specifications

Physical Characteristics

Dimensions	102 × 51mm (4 × 2in.)
Case material	Adhesive paper

User Environment

Operating temperature	-10°C to +70°C (14°F to 158°F)

Performance Specifications

Operating frequency	860-960MHz
RF Air Protocol	ISO 18000-6C
Read distance	Up to 7m/23.0ft (reader dependent)
Anti-collision	Simultaneous identification of multiple tags
Functionality	Read/Write
Memory	96-bit EPC code, 64-bit UID, 224-bit user programmable area, 32-bit access password, 32-bit kill password
Data retention	up to 10 years (Temp.≦55°C/134□)