



RACETRACK LITE

Allrounder in Credit Card Size for Different Applications

SMARTRAC RACETRACK LITE inlays and tags featuring NXP ICODE SLIX and SLIX2 ICs are designed for a variety of applications like library and media management.

RACETRACK LITE products offer an excellent performance in all printed media products and applications including self-check and stack-reading capability and EAS.

RACETRACK LITE equipped with NXP ICODE SLIX provides 896 bits of user memory, while NXP ICODE SLIX2 boasts an extended user memory of 2,528 bits. It provides best-in-class read range for EAS gates and less material detuning with printed media products.

The tag provides excellent and cost-effective security performance products for disc media, including self-check multi-read and improved gate EAS. RACETRACK LITE is delivered in paper-tag format and selected paper is resistant to aging (ISO 9706 compliant). Paper grade together with PH-neutral adhesive make it suitable for archiving applications. It is the ideal product to complement advanced media management systems and offers a lifetime library warranty.

SMARTRAC's inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management. This ensures a reliable and state-of-the-art product that meets a variety of application needs, where high performance is a critical parameter.

Overview

Operating Frequency
13.56 MHz

Integrated Circuit (IC)
NXP ICODE SLIX
NXP ICODE SLIX2

Antenna & Die-cut Size
45 × 76 mm / 1.77 × 2.99 "
49 × 81 mm / 1.93 × 3.19 "

International Standards

- ▶ ISO 15693
- ▶ ISO 18000-3 Mode 1
- ▶ NFC Forum Type 5

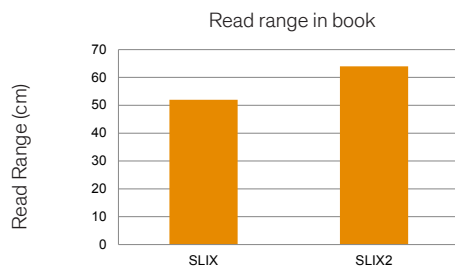
Application Areas

- ▶ Media & Document Management

RACETRACK LITE

Allrounder in Credit Card Size for Different Applications

Technical Features			
IC + Memory	Size	Format	Sales Code
NXP ICODE SLIX	49 × 81 mm / 1.93 × 3.19 in	wet	3001986
896 bit	49 × 81 mm / 1.93 × 3.19 in	paper-tag	3002103
NXP ICODE SLIX2	49 × 81 mm / 1.93 × 3.19 in	wet	3005872
2,528 bit	49 × 81 mm / 1.93 × 3.19 in	paper-tag	3002986
Operating Temperature	-40°C to 85°C / -40°F to 185°F		
Bending Diameter (D)	> 50 mm, tension max. 10 N		
Adhesive	Acrylic, water borne adhesive ; usage temperature: min. -20°C to 80°C / min. -4°F to 76°F		
Shelf Life	+20 °C, 50 % RH / 68 °F, 50 % RH - minimum 2 years from the date of manufacturing		



SMARTRAC TECHNOLOGY GROUP uses three different qualification methods to evaluate the quality and reliability of RFID inlay and tag products. Products are tested according to IEC 60068-2-67 (temperature and humidity), JESD22-A104-B (temperature cycling) and an in-house developed bending test. All the graphs are indicative: performance in real life applications may vary.

SMARTRAC N.V. · Strawinskylaan 851 · 1077 XX Amsterdam · The Netherlands

Phone: +31 20 30 50 150 · Fax: +31 20 30 50 155

Contact: Sales & Customer Service

www.smartrac-group.com/contact



© 2018 SMARTRAC N.V.

All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use.

