



MINITRACK

Best in Class Performance For Healthcare

SMARTRAC MINITRACK inlays and tags featuring NXP ICODE SLIX ICs are designed for healthcare applications and pharmaceutical product authentication. MINITRACK is a high end product for demanding item level applications.

MINITRACK with NXP ICODE SLIX provides 896 bits of user memory, while NXP ICODE SLIX2 boasts an extended user memory of 2,528 bits. The tag provides excellent performance for small item level packages, wristbands and other pharmaceutical applications. It suitable for labelling or sticker usage on small goods. MINITRACK inlays & tags are available in dry, wet and paper-tag format.

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 & SLIX2

Antenna & Die-cut Size
14 × 31 mm / 0.55 × 1.22"
18 × 36 mm / 0.71 × 1.42"

International Standards

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

Application Areas

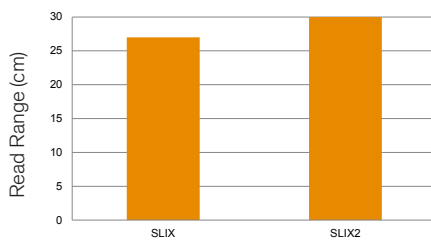
- ▶ Healthcare
- ▶ Pharmaceutical product authentication

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Technical Features			
IC + Memory	Size	Format	Sales Code
NXP ICODE SLIX 896 bit	14 × 31 mm / 0.55 × 1.22 in	dry	3002081
	18 × 36 mm / 0.71 × 1.42 in	wet	3002078
	18 × 36 mm / 0.71 × 1.42 in	paper-tag	3002077
NXP ICODE SLIX2 2,528 bit	14 × 31 mm / 0.55 × 1.22 in	dry	3005875
	18 × 36 mm / 0.71 × 1.42 in	wet	3005874
	18 × 36 mm / 0.71 × 1.42 in	paper-tag	3005873
Operating Temperature	-40°C to 85°C / -40°F to 185°F		
Adhesive	Permanent pressure sensitive adhesive, usage temperature: min. -10°C to 90°C / min. -14°F to 194°F		
Shelf Life	+20 °C, 50 % RH / 68 °F, 50 % RH - minimum 2 years from the date of manufacturing		

Read range in free air



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.

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