



NFC Inlays and Tags

Product Range

With a wide selection of antenna choices and protocols, SMARTRAC's NFC tags and inlays offer great application flexibility and fit-for-function design in the most demanding applications.

NFC 13.56 MHz ISO and NFC Forum compliant RFID technology is a proven, globally accepted solution for a vast array of markets. The technology is a perfect fit for various NFC applications, such as embedded NFC tags in posters, signs, menus, labels and business cards which immediately launch mobile phone applications or connect the user to social media websites. NFC tags can carry significantly more data than bar codes or QR codes, are more secure and can be password protected, unlike their printed counterparts. Embedded NFC tags can provide more information for example about individual products, consumer endorsements, user manuals, sustainability and recycling and brand values.

SMARTRAC's operations are certified to the ISO 9001:2008 Quality Management System standards and the ISO 14001:2004 Environmental Management System standards.

Overview

Operating Frequency

13.56 MHz

International Standards







▶ ISO 14443 A, NFC Forum

Typical End-user Areas

- ▶ Access Control
- ▶ Business Cards & Calendars
- ▶ Entertainment
- ▶ Electronics Pairing
- ▶ Games & Toys
- ▶ Location & Services
- ▶ Loyalty Apps
- ▶ Media & Advertising
- ▶ Product Authentication
- ▶ Retail Environment
- ▶ ... and many more.

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Product Range (selection)

Product	Product Name	IC	Memory	Antenna & Die-cut Size
	Circus NFC	NXP NTAG213	1152 bit / 144 byte	Ø 20 mm / 0.79" Ø 22 mm / 0.87"
	BullsEye NFC	NXP NTAG213 NXP NTAG216	1152 bit / 144 byte 7104 bit / 888 byte	Ø 35 mm / 1.38" Ø 38 mm / 1.50"
	BullsEye NFC	NXP NTAG210	384 bit / 48 byte	Ø 35 mm / 1.38" Ø 38 mm / 1.50"
	BullsEye NFC	Sony FeliCa Lite-S	1792 bit / 224 bytes	Ø 35 mm / 1.38" Ø 38 mm / 1.50"
	Midas+ NFC	NXP NTAG213	1152 bit / 144 byte	11,5 x 19 mm / 0.45 x 0.75 " 13,5 x 21 mm / 0.53 x 0.83 "
	Midas NFC	NXP NTAG213	1152 bit / 144 byte	10 x 17 mm / 0.39 x 0.67" 12 x 19 mm / 0.47 x 0.75"

Additional memory, protocol and product configurations are available upon request.
Note: Pictures are for illustration only and are not to scale.

IC Total Memories

- ▶ NXP NTAG210 384 bit 48 byte
- ▶ NXP NTAG213 1152 bit 144 byte
- ▶ NXP NTAG216 7104 bit 888 byte
- ▶ Sony FeliCa Lite-S 1792 bit 224 bytes

SMARTRAC N.V. · Strawinskylaan 851 · 1077 XX Amsterdam · The Netherlands
Phone: +31 20 30 50 150 · Fax: +31 20 30 50 155 · info@smartrac-group.com

Contact: Sales & Customer Service
www.smartrac-group.com/contact

FASTHINK

FASTHINK srl
Via Delle Industrie 35
20083 Mezzago (MB) Italy
Phone +39 039 6243260 · Fax +39 039 6243211
info@fasthink.com - www.fasthink.com

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