Pack of 100 - NTAG216 card

This NFC card is a 86mm x 54mm rectangular card that operates at 13.56 MHz wireless frequency and contains 881 bytes of usable read/write space for NDEF data. Based on the NTAG216 chip from NXP, this card offers advanced security, anti-cloning features as well as a permanent lock feature, therefore user data can be permanently configured read-only. The NTAG216 NFC chip is interchangeable with NTAG213 or NTAG215.

Subject to memory size, this card is suitable for storing

- any type of URI including URLs, telephone numbers, SMS, e-mail and geo-locations
- plain text or a combination of plain text and a URI
- vCards and signatures

Typical application areas include:

- smart posters, advertising displays, kiosks and bus stop advertisements
- handouts, brochures, leaflets, flyers and magazines
- contactless ID/ticketing
- embedding in devices
- Public Transportation
- loyalty and payment

This card is NFC forum type 2 compliant and typically operates at a distance of up to 5cm depending on the power provided by the NFC enabled device.

Supplied as plain white PVC cards to ISO standard in packs of 100.

Pricing is per card.

Please note - NFC cards and stickers will generally not work if attached or very near to a metal surface, unless you use one of our all surface products.

High performance NFC contactless card. 881 bytes of usable memory. 86mm x 54mm PVC card. Pack of 100 cards.

To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~946/p/index.shtml

This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

Technical Specifications

Contactless Card Interface:

Contactless interface standard: ISO 14443

Contactless credential types: NFC Forum Tag Type 2

Contactless operating frequency: High (13.56MHz)

Data transmission protocol: T=CL

Contactless data security: Capability container one-time programmable, with anti-tearing support and lock bits; ECC based originality signature; 16-bit CRC, parity, bit coding, bit counting.

Contactless operating distance: Up to 100mm (3.93in)

Contactless read/write speed: 106kbit/s

Data retention: 10 years

Write endurance: 100 000 cycles

Other Features:

EEPROM: 881 bytes user data + 7 byte serial number

Field programmable read-only locking function for first 16 pages and per 16 pages after the first 16. Configurable password protection with optional limit of unsuccessful attempts

Physical:

Dimensions: 86mm x 54mm (3.39 x 2.13in)

Weight (±5%): 6g (0.2oz)