Product number: 17141

NFC card metal - 85,6 x 54 mm - NTAG213 - 180 bytes - black - portrait format with slot | without print | black



Product information

The NFC metal card in black combines elegance with functionality. Its high-quality design made of durable metal and the integrated NTAG213 chip make it ideal for various applications such as storing URLs, access control and check-in functions. Whether in sales or at trade fairs - this card leaves a lasting impression.

Short description

- Metal/PVC, rigid
- Format 85,6 x 54 mm
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 bytes (NDEF: 137 bytes)

Product description

NFC product

The NFC metal card has the typical cheque card format of 85,6 x 54 mm with a material thickness of 1,19 mm. On the front of the metal card there is a thin PVC coating measuring 60 x 46 mm, behind which there is an on-metal layer. This is necessary to ensure the NFC function, as metal normally blocks the NFC signal. To ensure a harmonious appearance, the PVC layer is printed in the same color as the metal card. The NFC metal card is water-repellent, robust and therefore very durable. It also has a 15 x 3 mm slot in portrait format to which a lanyard can be easily attached.

NFC chip

The metal NFC card is equipped with the original NXP NTAG213 and offers a cost-effective entry into the NTAG21x series. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG213 has a total capacity of 180 bytes (free memory 144 bytes), of which 137 bytes are usable memory in the NDEF. Each individual chip has a

unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written to up to 100,000 times and has a data retention period of 10 years. The NTAG213 has the UID ASCII mirror feature, with which the UID of the tag can be appended to the NDEF message, as well as an integrated NFC counter, which increases automatically when reading. Both functions are not activated by default. The NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

- Total capacity: 180 bytes
- Free memory: 144 bytes
- Usable memory NDEF: 137 bytes

Do you need higher quantities?

Contact us

Product properties

Product number	17141
Weight	29 g
Material thickness	1,19 mm (T)
Dimensions	85 x 54 mm (W x H)
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Frequency	13.56 MHz
Chip	NXP NTAG213
Material	Metal , PVC
Data transfer rates	106 kbit/s
Storage temperature	Min -55°C - Max +125°C
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
Antenna format	45 x 45 mm
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Detail colour	black
Product form	rectangular
Colour category	black
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag
Antenna	Aluminium
NFC Forum Type	NFC Forum type 2

Type	Card
Adhesive layer	No
Water resistance	waterproof (IP67)

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