Product number: 68909

NFC tag polyamide - 45 x 30 mm - NTAG213 - 180 byte - black | black



Product information

Due to its waterproof material and its distinct temperature resistance, the robust NFC tag polyamide is often used in the industrial sector, e.g. for access control in indoor and outdoor areas. Due to the appealing, clear design, it fits well into any key ring.

Short description

- Polyamide material, rigid
- Format 45 x 35 mm, oval
- Place of use indoor and outdoor
- Ambient temperature from -25 to +85 degrees
- NXP NTAG 213 (NTAG213) - 180 bytes (NDEF: 137 bytes)

Product description

NFC product

The NFC tag is made of black polyamide material and has a format of 45 x 35 mm with a material thickness of 2.3 mm. Due to the robust plastic material, the polyamide tag is waterproof and is therefore ideal for both indoor and outdoor use.

NFC chip

The NFC tag 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 usable memory in the NDEF is 137 bytes. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written up to 100,000 times and has a data retention of 10 years. The NTAG213 has the UID ASCII Mirror feature, which allows the tag's UID to be appended to the NDEF message, as well as an integrated NFC counter that automatically increments during readout. Both features are not enabled by default. The NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools, and all ISO14443 terminals.

- Total capacity: 180 bytes
- Free memory: 144 byte

- Usable memory NDEF: 137 byte

Product properties

Product number	68909
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Material	Polyamid (PA6)
Available colours	green , black , blue , orange , dark blue
Functions	Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable
Water resistance	waterproof (IP68)
Frequency	13.56 MHz
Weight	3,3 g
Chip	NXP NTAG213
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
Detail colour	blue
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Antenna format	24 mm
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag
Material thickness	2,4 mm (T)

Product form	oval
Dimensions	45 x 30 mm (W x H)
Colour category	blue
NFC Forum Type	NFC Forum type 2
Type	Keyfob
Antenna	PCB with copper etching
Delivery options	single

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