Product number: 68200

NFC tag ABS - 40 x 32 mm - NTAG213 - 180 byte - black | black



Product information

The robust NFC tag ABS is often used in the industrial sector due to its waterproof material and its distinct temperature resistance. The integrated NTAG213 guarantees that the tag can be read by all NFC-enabled smartphones and offers enough memory for URLs or other short information.

Short description

- ABS material, rigid
- Format 40 x 32 mm, oval
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NFC Chip NXP NTAG213 (180 Byte, NDEF: 137 Byte)

Product description

NFC product

The NFC tag is made of black ABS material and has a size of 40 x 32 mm with a material thickness of 4.3 mm. The NFC tag has a metal ring which makes it easy to attach. Due to the robust plastic material, the ABS tag is waterproof and is therefore ideal for both indoor and outdoor use.

NFC chip

The ABS pendant 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), thereof usable memory in the NDEF 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 bytes

- Usable memory NDEF: 137 byte

Product properties

Product number	68200
Weight	0.04kg
Antenna format	22 mm
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Available colours	dark green , green , grey , black , blue , red , orange , white
Functions	Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable
Dimensions	40 x 32 mm (W x H)
Frequency	13.56 MHz
Material thickness	3,6 mm (T)
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
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Weight	4 g
Material	ABS
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag

Water resistance	waterproof
Product form	oval
Antenna	Copper
NFC Forum Type	NFC Forum type 2
Type	Keyfob
Delivery options	single

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