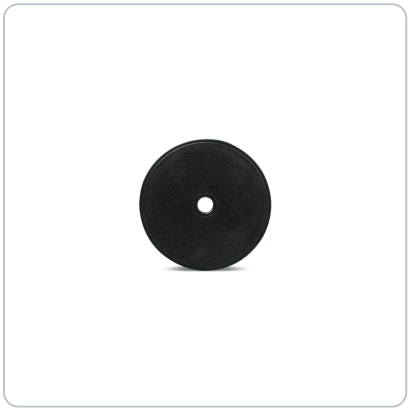
Product number: 68420

NFC coin ABS - 30 mm -NTAG213 - 180 byte - black - perforated



Product information

The black NFC coin is durable due to its ABS material and ideally protected against moisture and is therefore ideal for object monitoring or product scanning both indoors and outdoors.

Short description

- ABS material, rigid
- not suitable for metallic/conductive surfaces
- 30 mm diameter
- Indoor and outdoor application
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

The black NFC Disc is made of ABS and is therefore both robust and waterproof. It has a diameter of 30 mm and a height of 2.54 mm. There is also a 3 mm hole in the middle for attachment. The NFC chip contains a high quality copper coil which ensures a long life for this product. The NFC Disc can be used in a temperature range of -25 degrees to 70 degrees. This item is compatible with all NFC enabled smartphones.

NFC Chip

The ABS coin 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	68420
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Functions	Write protection , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable
Frequency	13.56 MHz
Available colours	black
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Dimensions	30 mm Ø
Storage temperature	Min -55°C - Max +125°C
Type	Coin
UID imprint	Yes
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
Detail colour	black
Colour category	black
Product form	round
Material	ABS
Compatibility	to NFC-enabled smartphones: 100%

Weight	1 g
Further links	ntag
Material thickness	2,4 mm (T)
Antenna	Aluminium
NFC Forum Type	NFC Forum type 2
Adhesive layer	No
Water resistance	waterproof (IP67)

More images

