Product number: 68229

NFC Sticker PET - 35 x 35 mm - MIFARE Classic EV1 1K - 1024 Byte - white



Product information

The robust NFC sticker made of PET material is equipped with the MIFARE Classic 1K and due to its high memory capacity it is especially suitable for time recording and access control as well as identification.

Short description

- PET material, flexible, self-adhesive
- not suitable for metallic/conductive surfaces
- format: 35 x 35 mm
- Indoor use, conditionally also outdoor use
- Ambient temperature from -25 to +70 degrees
- NFC Chip MIFARE Classic 1k - 1024 Byte (NDEF: 716 Byte)

Product description

NFC product

The surface material of the white NFC sticker is made of PET. The material is therefore conditionally waterproof, so that the sticker can withstand moisture even in moderation. The sticker has a format of 35 mm x 35 mm and a material thickness of 0.18 mm. The antenna is easily visible from the outside, because the sticker is white. The chipset of the sticker is not compatible with all NFC-enabled smartphones.

NFC chip

The PET sticker is equipped with the original MIFARE Classic 1k (MF1ICS50). The MIFARE Classic 1k has a total capacity of 1024 bytes (free memory 864 bytes), of which usable memory in the NDEF is 716 bytes. The MIFARE Classic 1k has a 4-byte non-UID. The NFC chip can be written up to 100,000 times and has a data retention of 10 years. Due to the encryption algorithm CRYPTO 1 the chip offers a certain security for the data. From today's point of view, however, the encryption is no longer considered secure, so new applications should be based on the MIFARE DESFire EV1 or newer. The chipset is not compatible with all NFC-enabled smartphones.

- Total capacity: 1024 bytes

- Free memory: 864 byte
- Usable memory NDEF: 716 byte

Product properties

Product number	68229
Compatibility	not compatible with all NFC-enabled devices
Detail colour	white
Frequency	13.56 MHz
Memory	1024 Byte (free: 864 Byte, NDEF: 716 Byte)
Data transfer rates	106 kbit/s
Dimensions	35 x 35 mm (W x H)
Material thickness	0,18 mm (T)
Type	Sticker
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
Data retention	10 years
Number of write operations	100.000 times
Colour category	white
Material	PET
Chip	MIFARE Classic EV1
Available colours	white
Adhesive layer	Yes
Antenna	Aluminium
Product form	square
Weight	2 g

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