

Product number: 68211

NFC tag ABS - 40 x 32 mm - MIFARE Classic 1k - 1024 Byte - grey | grey



coe-datasheet-sw6.pdf.productInformation

Due to its waterproof material and its distinct temperature resistance, the robust NFC tag ABS is often used in the industrial sector, e.g. for access control on construction sites or for time recording of employees in indoor and outdoor areas.

Short description

- ABS material, rigid
- Format 40 x 32 mm, oval
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NFC chip MIFARE Classic 1k (1024 byte, NDEF: 716 byte)

Product description

NFC product

The NFC tag is made of grey ABS material and has a format 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 tag is equipped with the original MIFARE Classic 1k. 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	68211
Antenna format	22 mm
Functions	4 Byte UID, rewritable
Available colours	green, grey, black, blue, red, orange, white
Dimensions	40 x 32 mm (W x H)
Frequency	13.56 MHz
Material thickness	3,6 mm (T)
Detail colour	grey
Memory	1024 Byte (free: 864 Byte, NDEF: 716 Byte)
Data transfer rates	106 kbit/s
Colour category	grau
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
Weight	4 g
Chip	MIFARE Classic EV1
Material	ABS
Water resistance	waterproof
Product form	oval
Antenna	Copper
Type	Keyfob
Delivery options	single

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