Product number: 17201

NFC Tag ABS - 40 x 32 mm - NTAG215 - 540 Byte - white | white

Product information

The NFC fob is made of robust ABS material and is ideal for use in the industrial sector, for example for access control on construction sites or for employee time recording. It is designed for both indoor and outdoor applications and offers a wide range of possible applications thanks to the integrated NXP NTAG215 chip.

Short description

- ABS material, rigid
- Format 40 x 32 mm, oval
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG215 (NTAG215) - 540 bytes (NDEF: 480 bytes)

Product description

NFC product

The NFC fob is made of ABS material and measures 40 x 32 mm with a material thickness of 4.3 mm. It is equipped with a metal ring that makes it easy to attach to lanyards. The NFC fob is waterproof and is therefore suitable for both indoor and outdoor use.

NFC chip

The NFC fob is equipped with the original NXP NTAG215, which occupies the midfield in the NTAG21x series and represents a good compromise between memory size and cost. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG215 has a total capacity of 540 bytes (free memory 504 bytes), of which 480 bytes are usable memory in the NDEF. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written to up to 100,000 times and has a data retention period of 10 years. The NTAG215 has the UID ASCII mirror feature, with which the UID of the tag can be appended to the NDEF message, as well as an integrated NFC counter, which increases automatically when reading. Both functions are not activated by default. The NTAG215 is compatible with

all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

- Total capacity: 540 bytes
- Free memory: 504 bytes
- Usable memory NDEF: 480 bytes

Product properties

Product number	17201
Chip	NXP NTAG215
Antenna format	22 mm
Functions	Write protection , 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)
Detail colour	white
Frequency	13.56 MHz
Memory	540 Byte (free: 504 Byte, NDEF: 480 Byte)
Material thickness	3,6 mm (T)
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
Colour category	white
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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