Product number: 68476

NFC Tag ABS - 40 x 32 mm - NTAG216 - 924 Byte - blue | blue

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 enough memory for all common scenarios thanks to the integrated NXP NTAG216 chip.

Short description

- ABS material, rigid
- Format 40 x 32 mm, oval
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG216 (NTAG216) - 924 bytes (NDEF: 868 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 NTAG216, which to date offers the largest available memory space in the NTAG21x series. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG216 has a total capacity of 924 bytes (free memory 888 bytes), of which 868 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 NTAG216 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 is automatically incremented during readout. Both functions are not activated by default. The NTAG216 is compatible with all NFC-enabled smartphones, the NFC21 tools

and all ISO14443 end devices.

- Total capacity: 924 bytes
- Free memory: 888 bytes
- Usable memory NDEF: 868 bytes

Product properties

Product number	68476
Chip	NXP NTAG216
Antenna format	22 mm
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
Available colours	black , blue , red
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
Detail colour	blue
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
Colour category	blue
Antenna	Copper
NFC Forum Type	NFC Forum type 2
Type	Keyfob
Delivery options	single
Memory	924 Byte (free: 888 Byte, NDEF: 868 Byte)

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