Product number: 17228

NFC Starter Kit Windows Login

Produktbild Cover

Product information

The NFC Starter Kit for Windows login offers a practical solution for simple and secure authentication. Consisting of an NFC reader and NFC keyfobs, it contains everything you need to work effectively with the right software. This combination eliminates the need to enter a password manually every time you log in. This not only saves time, but also increases security.

Short description

- Material keyfobs: ABS
- Format keyfobs: 40 x 32 mm, oval; Format reader: 98 x 65 x 12.8 mm
- Keyfobs: Indoor and outdoor use; Reader: Indoor use, limited outdoor use
- Ambient temperature -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 bytes (NDEF: 137 bytes)

Product description

NFC product

The NFC Starter Kit contains 7 NFC tags made of ABS material in the colors blue, grey, green, orange, red, black and white as well as an ACR1252U NFC reader. The NFC tags have an integrated NXP NTAG213 chip and are both waterproof (IP67) and robust. Thanks to the included key rings, they can be easily attached to your key ring. With our detailed instructions for Windows login via NFC uand the appropriate software, setup is simple and straightforward. After successful setup, up to 7 different users can authenticate themselves in a simple and secure way, supported by the different colors of the tags. If required, additional users can easily be added with more NFC tags.

NFC chip

The NFC Starter Kit Windows Login contains NFC keyfobs, which are equipped with the original NXP NTAG213. These offer a cost-effective introduction to 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), of which 137 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 NTAG213 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 NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

- Total capacity: 180 bytes
- Free memory: 144 bytes
- Usable memory NDEF: 137 bytes

Product properties

Product number	17228
Detail colour	red , white , green , grey , blue , black , orange
Antenna format	22 mm
Reader frequency	HF 13.56MHz
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Standards	ISO 14443 Typ A & B , NTAG Serie , Infineon SLE66 family , FeliCa , ISO/IEC 18092 , Calypso
Further links	starterkit , hardware , ntag , nfc21tools
Dimensions	40 x 32 mm (W x H)
Frequency	13.56 MHz
Material thickness	3,6 mm (T)
Chip	NXP NTAG213
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
Interface	USB 2.0
Weight	4 g
Reader form	ACR1252U (98 x 65 x 12,8 mm)
Material	ABS

Compatibility	to NFC-enabled smartphones: 100%
Product form	oval
Case color	black
Antenna	Copper
NFC Forum Type	NFC Forum type 2
Type	Keyfob
Water resistance	waterproof (IP67)

More images








