

Product number: 68902

NFC Starter Kit Icon - grey - incl. NFC Cube | grey



coe-datasheet-sw6.pdf.productInformation

The NFC Starter Kit Icon contains 9 attractive stickers with different icons that can be attached to the included NFC Cube. Thus, each side of the cube can be provided with an individual function, matching the icon of the sticker. For example, apps can be started automatically, settings of the smartphone can be changed, guests can facilitate the connection to the WLAN and much more.

Short description

- PET (sticker) / wood (cube), robust
- 30 mm diameter (sticker) / 45 x 45 x 45 mm (cube)
- Indoor use, limited outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG216 (NTAG216)m - 924 Byte (NDEF: 868 Byte)

Product description

NFC product

The wooden NFC Cube has a format of 45 mm x 45 mm x 45 mm.

The NFC Cube comes with nine printed NFC stickers in grey. The NFC stickers are made of PET and have a diameter of 30mm. The motives of the stickers are contact data, message, music, phone, WLAN, location, internet, weather and alarm clock. The stickers are unplayed and can be coded by yourself.

NFC chipAll

stickers

are equipped with the original NXP NTAG216, which offers the largest memory available in the NTAG21x series to date. 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 usable memory in the NDEF is 868 bytes. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written up to 100,000 times and has a data retention of 10 years. The NTAG216 has the UID ASCII Mirror feature, which allows the tag's UID to be appended to the NDEF message, as well as an integrated NFC counter that automatically increments during readout. Both features are not enabled by default. The NTAG216 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 terminals.

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

Product properties

Product number	68902
Chip	NXP NTAG216
Available colours	grey, multicoloured
Detail colour	brown, black
Further links	starterkit
Frequency	13.56 MHz
Material	Wood, PET
Data transfer rates	106 kbit/s
Storage temperature	Min -55°C - Max +125°C
Colour category	braun
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
Compatibility	to NFC-enabled smartphones: 100%
Dimensions	45 x 45 x 45 mm (W x H x D)
Product form	square
NFC Forum Type	NFC Forum type 2
Type	Cube
Memory	924 Byte (free: 888 Byte, NDEF: 868 Byte)

More images

