Product number: 68042

NFC Sticker PET - 25 mm - ICODE SLIX - 128 Byte - white



Product information

The white NFC sticker with the integrated NXP ICODE SLIX chip is flexible and discreet at the same time and is therefore particularly suitable for securing loaner books or media. However, it can also be used as a regular NFC tag.

Short description

- PET material, flexible, self-adhesive
- not suitable for metallic/conductive surfaces
- 25 mm diameter
- Application indoor, conditionally also outdoor
- Ambient temperature from -25 to +70 degrees
- NXP ICODE SLIX - 128 Byte (NDEF: 106 Byte)

Product description

NFC product

The surface material of the white NFC sticker is made of PET. The material is therefore conditionally waterproof, so that the sticker can withstand moisture even in moderation. The sticker has a diameter of 25 mm and a material thickness of 0.30 mm. The antenna is easily visible from the outside because the sticker is white. The chipset of the sticker is compatible with all current NFC-enabled smartphones.

NFC chip

The PET sticker is equipped with the original ICODE SLIX (SL2S2002). NXP designed the ICODE SLIX series for use as a smart label and optimized it accordingly for small form factors and lower data volumes. Other features of the ICODE SLIX include the ability to write-protect the content. In addition, the chip supports the function of electronic article surveillance with password protection (EAS). In combination with the increased range, this makes it possible, for example, to monitor articles and their authorized removal at a gateway (use for lending books and media). The Application Family Identifier (AFI) function enables the chip to inform the reader of the intended use.

The ICODE SLIX has a total capacity of 128 bytes, of which usable memory in the NDEF is 106 bytes. The ICODE SLIX has a unique 8 byte serial number (UID). The NFC chip can be written up to 100,000

times. The ICODE SLIX is characterized on the one hand by a long data lifetime of 50 years (data retention) and on the other hand by a higher range compared to the NXP NTAG series. In practice, this means that smartphones can read the ICODE SLIX from distances of up to 1-5cm (compare NTAG practically 1-3cm). With appropriate readers (not smartphones), distances of up to 1.5m are also possible.

- Total capacity: 128 byte
- Free memory: 112 byte
- Usable memory NDEF: 106 byte

Product properties

Product number	68042
Chip standards / ISO Norm	ISO/IEC 15693 , ISO/IEC 18000-3
Detail colour	white
Frequency	13.56 MHz
Type	Sticker
Dimensions	25 mm Ø
Number of write operations	100.000 times
Colour category	white
NFC Forum Type	NFC Forum type 5
Material	PET
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Weight	1 g
Available colours	white
Chip	I-CODE SLIX
Memory	128 Byte (free: 112 Byte, NDEF: 106 Byte)
Adhesive layer	Yes
Antenna	Aluminium
Data transfer rates	53 kbit/s
Data retention	50 years

More images



