Product number: 68056

NFC tag ABS - 40 x 32 mm - I-CODE SLIX - 128 byte - black | black



Product information

Due to its durability and the integrated I-CODE SLIX chipset, the robust NFC tag ABS is often used for securing goods and for certifying authenticity.

Short description

- ABS material, rigid
- Format 40 x 32 mm, oval
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP I-CODE SLIX (SL2S2002) - 128 Byte (NDEF: 106Byte)

Product description

NFC product

The NFC tag is made of black ABS material and has a size of 40 x 32 mm with a material thickness of 4.3 mm. The NFC tag has a metal ring which makes it easy to attach. Due to the robust plastic material, the ABS tag is waterproof and is therefore ideal for both indoor and outdoor use.

NFC chip

The ABS tag 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 possible.

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

Product properties

Product number	68056
Antenna format	22 mm
Chip standards / ISO Norm	ISO/IEC 15693 , ISO/IEC 18000-3
Dimensions	40 x 32 mm (W x H)
Frequency	13.56 MHz
Available colours	black , blue
Material thickness	3,6 mm (T)
Storage temperature	Min -55°C - Max +125°C
Operating temperature	Min -25°C - Max +70°C
Number of write operations	100.000 times
Detail colour	black
Weight	4 g
NFC Forum Type	NFC Forum type 5
Colour category	black
Material	ABS
Compatibility	to NFC-enabled smartphones: 100%
Chip	I-CODE SLIX
Memory	128 Byte (free: 112 Byte, NDEF: 106 Byte)
Water resistance	waterproof
Product form	oval
Data transfer rates	53 kbit/s
Antenna	Copper

Data retention	50 years
Type	Keyfob
Delivery options	single

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