Product number: 17132

NFC tag ABS - 40 x 32 mm - MIFARE Classic EV1 4k - 4096 byte - blue



Product information

Due to its waterproof material and its distinct temperature resistance, the robust NFC tag ABS is often used in the industrial sector, e.g. for access control on construction sites or for time recording of employees indoors as well as outdoors.

Short description

- ABS material, rigid
- Size 40 x 32 mm, oval
- Place of use indoor and outdoor
- Ambient temperature from -25 to +70 degrees
- NXP MIFARE DESFire Chip EV1 4k (4096 bytes)

Product description

NFC product

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

NFC chip

The NFC tag is equipped with the original MIFARE Classic EV1 4k (MF1S70). The MIFARE Classic 4k has a total capacity of 4096 bytes. The MIFARE Classic EV1 4k
is the successor of the MIFARE Classic series and improves it in some aspects (better readability, card attack detection).
It has a 4-byte non-UID. The NFC chip can be written up to 200,000 times and has a data retention of 10 years. Despite the improvements over the older MIFARE Classic series, NXP recommends using the MIFARE DESFire series for security-critical applications. The chipset is not compatible with all NFC-enabled smartphones.

- Total capacity: 4096 bytes

Product properties

Product number	17132
Antenna format	22 mm
Functions	4 Byte UID , true anticollision , rewritable
Dimensions	40 x 32 mm (W x H)
Frequency	13.56 MHz
Material thickness	3,6 mm (T)
Ambient temperature	-25 to 70 degrees
Available colours	blue
Data transfer rates	106 kbit/s
Number of write operations	200.000 times
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
Weight	4 g
Chip	MIFARE Classic EV1
Material	ABS
Compatibility	to NFC-enabled smartphones: 100%
Product form	oval
Colour category	blue
Antenna	Copper

Type	Keyfob
Memory	4096 Byte
Water resistance	waterproof (IP67)

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