Product number: 68207U

NFC tag ABS - 40 x 32 mm - MIFARE Classic EV1 1k - 1024 Byte - black - printed | black



Product information

The robust NFC tag ABS is often used in industrial applications due to its waterproof material and excellent temperature resistance, e.g. for access control on construction sites or for time recording of employees indoors and outdoors.

Short description

- ABS material, rigid
- Format 40 x 32 mm
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- MIFARE Classic EV1 1K (1024 bytes)
- One-sided printing on the tag
- 4-color printable
- **Note**: Key rings are enclosed separately

Product description

NFC product

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

Print

Our tags are printed using a modern digital UV direct printing process, which offers high resolution, color accuracy, and durability. This makes it possible to reproduce images in photorealistic quality or to print even tiny font sizes in a legible manner. This environmentally friendly technology allows us to personalize your products on one or both sides and add logos, images, text, or other designs from a wide range of colors. The applied color layer is abrasion-resistant and resistant to water, sunlight, and chemicals.

For your desired design, simply download our suitable print template and provide us with your desired print layout conveniently via our configurator.

NFC chip

The NFC tag is equipped with the original MIFARE Classic EV1 1k (MF1S70). The MIFARE Classic 1k has a total capacity of 1024 bytes. The MIFARE Classic EV1 1k is the successor to the MIFARE Classic series and improves on it in several respects (better readability, detection of card attacks). It has a 4-byte non-UID. The NFC chip can be written up to 200,000 times and has a data retention period 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: 1024 bytes

Product properties

Product number	68207U
Antenna format	22 mm
Functions	4 Byte UID , true anticollision , rewritable
Available colours	green , grey , black , blue , red , orange , white
Dimensions	40 x 32 mm (W x H)
Frequency	13.56 MHz
Material thickness	4,3 mm (T)
Memory	1024 Byte (free: 864 Byte, NDEF: 716 Byte)
Data transfer rates	106 kbit/s
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
Detail colour	black
Weight	4 g
Colour category	black
Chip	MIFARE Classic EV1
Material	ABS
Product form	oval
Antenna	Copper
Type	Keyfob
Delivery options	single

Water resistance	waterproof (IP67)

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