

RFID KEY FOB KF011

MARKETS:



Companies



Electric cars



Campsites



Hotels



Gyms



Vending

COLOURS:



The KF011 is a **fully waterproof and durable RFID key fob**, crafted from faux leather and featuring a metal key ring attachment. With its **exclusive and sophisticated rectangular design**, this key fob is customisable with pad printing, while serialisation can be applied using laser technology. The KF011 is available in a range of elegant colours, including dark purple, dark blue, light blue, red, white, grey, and black. It supports a wide range of frequencies and chips: **Low Frequency (LF) with chips EM4200, EM4550 or TITAN, ATA5577 or T5567, and HITAG2; High Frequency (HF) with chips MIFARE CLASSIC 1K EV1 S50, MIFARE CLASSIC 4K EV1 S70, MIFARE DESFIRE EV2 4K, MIFARE DESFIRE EV3 2K/4K/8K, MIM1024/PRIME**

and NTAG213; and COMBO LF+HF with chip combinations including MIFARE CLASSIC 1K EV1 S50 + EM4200, MIFARE CLASSIC 1K EV1 S50 + T5567, MIFARE DESFIRE 4K/8K EV3 + EM4200, and MIFARE DESFIRE 4K EV3 + ATA5577.

MARKETS

Its **IP68** protection rating makes it suitable for hot and humid environments. However, its particularly chic design makes it ideal for attachment to a bag or keys, serving as a stylish solution for **access control in corporate settings and luxury resorts, ticketing for exclusive events, and as an electronic wallet for charging electric vehicles.**



frequency 125 kHz

RFID features

| Chip | Memory | ISO Standard |
|------------------|--------------------------|-------------------|
| EM4200 | 0 bytes - UID: 8 bytes | ISO 11784 / 11785 |
| EM4550 or TITAN | 128 bytes - UID: 8 bytes | ISO 11784 / 11785 |
| ATA5577 or T5567 | 36 bytes - UID: 8 bytes | ISO 11784 / 11785 |
| HITAG2 | 32 bytes | ISO 11784 / 11785 |



frequency 13.56 MHz

RFID features

| Chip | Memory | ISO Standard | NFC Standard |
|-----------------------------------|---------------------------|--------------|--|
| MIFARE CLASSIC 1K EV1 S50 | 1024 bytes - UID: 4 bytes | ISO 14443 A | Not supported by majority of NFC devices |
| MIFARE CLASSIC 1K EV1 S50 7 BYTES | 1024 bytes - UID: 7 bytes | ISO 14443 A | Not supported by majority of NFC devices |
| MIFARE CLASSIC 4K EV1 S70 | 4096 bytes - UID: 4 bytes | ISO 14443 A | Type 2 - tag compliant |
| MIFARE DESFIRE EV2 4K | 4096 bytes - UID: 7 bytes | ISO 14443 A | Type 4 - tag compliant |
| MIFARE DESFIRE EV3 2K | 2048 bytes - UID: 7 bytes | ISO 14443 A | Type 4 - tag compliant |
| MIFARE DESFIRE EV3 4K | 4096 bytes - UID: 7 bytes | ISO 14443 A | Type 4 - tag compliant |
| MIFARE DESFIRE EV3 8K | 8192 bytes - UID: 7 bytes | ISO 14443 A | Type 4 - tag compliant |
| MIM1024/PRIME | 1024 bytes | ISO 14443 A | Not supported by majority of NFC devices |
| NTAG213 | 144 bytes - UID: 7 bytes | ISO 14443 A | Type 2 - tag compliant |





frequency 125 KHz + 13.56 MHz

RFID features

| Chip | Memory | ISO Standard | NFC Standard |
|------------------------------------|--|---------------------------------|--|
| MIFARE CLASSIC 1K EV1 S50 + EM4200 | 1024 bytes (HF) + 0 bytes (LF) - UID: 4/7 bytes (HF) + 8 bytes (LF) | ISO 14443 A + ISO 11784 / 11785 | Not supported by majority of NFC devices |
| MIFARE CLASSIC 1K EV1 S50 + T5567 | 1024 bytes (HF) + 36 bytes (LF) - UID: 4/7 bytes (HF) + 8 bytes (LF) | ISO 14443 A + ISO 11784 / 11785 | Not supported by majority of NFC devices |
| MIFARE DESFIRE 4K EV3 + EM4200 | 4096 bytes (HF) + 0 bytes (LF) - UID: 7 bytes (HF) + 8 bytes (LF) | ISO 14443 A + ISO 11784 / 11785 | Type 4 - tag compliant |
| MIFARE DESFIRE 8K EV3 + EM4200 | 8192 bytes (HF) + 0 bytes (LF) - UID: 7 bytes (HF) + 8 bytes (LF) | ISO 14443 A + ISO 11784 / 11785 | Type 4 - tag compliant |
| MIFARE DESFIRE 4K EV3 + ATA5577 | 4096 bytes (HF) + 36 bytes (LF) - UID: 7 bytes (HF) + 8 bytes (LF) | ISO 14443 A + ISO 11784 / 11785 | Type 4 - tag compliant |

Technical specifications

| | |
|--|------------------|
| Dimensions | 50 x 26 x 3,7 mm |
| Material | Faux leather |
| Weight | 12 g |
| Operating and storage temperature | -25°C ~ +85°C |

Customisation

| | |
|--------------------------|---|
| Colours | Dark purple, dark blue, light blue, red, white, grey, and black |
| Type of printing | Pad printing |
| Type of numbering | Laser technology |

