



KF014 is an RFID key fob made of **engineering plastic**, a material that resists high and low temperatures, chemicals and mechanical stress. Rectangular in shape, **with a ring closure, it combines the robustness of the upper metal housing with the elegance of the matt texture**. It can be customised using pad printing, while serial numbering can be applied using laser technology. RFID key fob KF014 is available in colours: white, black, grey, red, dark blue, light blue,

purple. It works at LF (chips: **EM4200, EM4550 or TITAN, ATA5577 or T5567, HITAG2**), HF (chips: **MIFARE CLASSIC 1K EV1 S50, MIFARE CLASSIC 4K EV1 S70, MIFARE DESFIRE EV2 4K, MIFARE DESFIRE EV3 2K/4K/8K, MIM1024/PRIME, NTAG213**) and COMBO LF+HF (chips: **MIFARE CLASSIC 1K EV1 S50 + EM4200, MIFARE CLASSIC 1K EV1 S50 + T5567, MIFARE DESFIRE 4K/8K EV3 + EM4200, MIFARE DESFIRE 4K EV3 + ATA5577**) frequencies.

MARKETS

Its **IP68** protection makes this key fob fully waterproof, suitable for the warm and humid environments of **swimming pools and wellness centres**. In addition, it's appropriate for **access control at companies, ticketing for exclusive events, loyalty programmes, and electric car charging**.



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 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	56 x 26 x 3.5 mm
Material	Engineering plastic
Weight	12 g
Operation and storage temperature	-25°C ~ +85°C

Customisation

Colours	White, black, grey, red, dark blue, light blue, purple
Type of printing	Pad printing
Type of numbering	Laser technology

