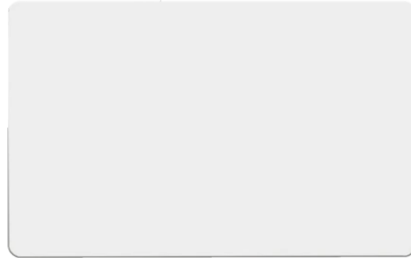


ABUS Transponder card MIFARE DESFire EV3 8K (Security)

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THE DIGITAL KEY FOR ELECTRONIC LOCKING SYSTEMS & EMA SYSTEMS.

Contactless locking medium

The battery-free RFID chip card is the locking medium for ABUS access control systems and other ABUS security systems with MIFARE® DESFire® technology.

Universally applicable

The RFID transponder card serves as a locking medium for all wAppLoxx and TECTIQ systems. It also enables the operation of ABUS security systems, such as the Secoris intruder alarm system. Thanks to its robust design, the transponder card in cheque card format is suitable for indoor and outdoor use (IP68). As a passive transponder, it does not require a battery.

Secure ease of use

Thanks to 13.56 MHz RFID technology, these ABUS systems can be operated conveniently, securely readout-protected and contactless. The pre-programmed ABUS security application also guarantees maximum protection against copying and tampering based on MIFARE® DESFire® EV1 4K technology.

Technologies

- ISO cheque card with RFID transponder (MIFARE® DESFire® EV3 8K)
- Contactless opening of all ABUS wAppLoxx and TECTIQ door components (cylinders, fittings, wall readers, etc.)
- Operation of other ABUS security systems, e.g. Secoris burglar alarm system
- Maximum copy and tamper protection with pre-programmed ABUS security application
- Can be customised in-house, e.g. as a company ID card
- Simple assignment of transponder to person thanks to serial number on the back
- Simple assignment of transponder to person thanks to serial number on the back

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Technical data - ABUS Transponder card MIFARE DESFire EV3 8K (Security)

Areas of application	Locking medium for ABUS access control systems (wAppLoxx & TECTIQ)
Article abbreviation	K-MIF-DES-8K-SEC
Colour	white
Construction type of device	Card
Depth	1 mm
Diameter	54 mm
Dimensions	86 x 54 x 1 mm
Frequency	0.01356 GHz
Height	54 mm
Material	plastic
Max. operating temperature	50 °C
Min. operating temperature	-20 °C
Net weight	0.06 kg
Programming technology	RFID (13,56 MHz)
RFID conformity	ISO 14443
RFID frequency	13.56 MHz
RFID technology	MIFARE® DESFire® EV3
Reader type	MIFARE® DESFire® 8K EV3 (70pf)
Reading distance	2 cm
Security features	Copy and read protection with MIFARE® DESFire® + ABUS security application and Random ID
Transponder conformity	Passive transponder ISO 14443 A (MIFARE® DESFire®)
Transponder encryption	AES 128-Bit
Transponder programming	Access control software and card reader
Weight	0.055 g
width	86 mm