

# ABUS Transponder Diskus MIFARE DESFire EV1 4K (Security)

Art.-Nr. 506613

Seite 1 von 2



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

- RFID key fob in ABUS diskus design (MIFARE® DESFire® EV1 4K)
- 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
- Robust design for long-lasting use on key rings (resists dust, dirt and moisture)
- Simple assignment of transponder to person thanks to serial number on the back
- Passive transponder without battery

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Seite 2 von 2

- Very robust nature

## Technical data - ABUS Transponder Diskus MIFARE DESFire EV1 4K (Security)

Area of application	Locking medium for ABUS access control systems (wAppLoxx & TECTIQ)
Colour	black
Design	Keyfob
Dimensions	34 × 33 x 5,5 mm
Gross weight	0,015 kg
Item abbreviation	T-Mif-Des-4K-Security
Max. operating temperature	50 °C
Min. operating temperature	-20 °C
Net weight	0,013 kg
Programming technology	RFID (13,56 MHz)
RFID conformity	ISO 14443
RFID frequency	13,56 MHz
RFID technology	MIFARE® DESFire® EV1
Reader type	MIFARE® DESFire® 4K EV1 (70pf)
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