TECTIQ Transponder card MIFARE DESFire EV3 8K (Security UID)
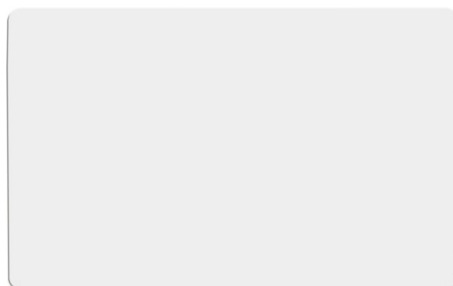
ABUS
Security Tech Germany

THE DIGITAL KEY FOR ABUS TECTIQ KEY SYSTEMS

Contactless unlocking of doors
This RFID key card with MIFARE® DESFire® technology is used for contactless locking and unlocking of TECTIQ door components. When held in front of the reader unit of a door component and checked by it, the door is unlocked if authorisation is granted.

Universally applicable
The ISO cheque card can be used for other applications as required, such as time recording systems, photocopiers and canteen billing. The card can be custom-printed, making it ideal for use as an employee ID card.

Secure ease of use
Thanks to 13.56 MHz RFID technology, the components can be operated conveniently, securely readout-protected and contactless. The integrated, system-specific TECTIQ security application based on MIFARE® DESFire® technology offers maximum protection against copying and tampering.

Technologies

- ISO cheque card with RFID transponder (MIFARE® DESFire® EV3 8K)
- Contactless opening of all ABUS TECTIQ door components (cylinders, fittings, wall readers, etc.)
- Can also be used for other applications, e.g. photocopiers, canteen billing and time recording
- Maximum copying and tampering protection thanks to additional integrated, system-specific ABUS security application
- Can be customised in-house, e.g. as a company ID card
- Simple assignment of transponder to personthanks to serial number on the back
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Technical data - TECTIQ Transponder card MIFARE DESFire EV3 8K (Security UID)

Area of application	Locking media for ABUS TECTIQ access control system with static UID
Colour	white
Design	Card
Dimensions	86 x 54 x 1 mm
Item abbreviation	K-MIF-DES-8K-SEC-UID
Material	plastic
Max. operating temperature	50 °C
Min. operating temperature	-20 °C
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)
Security features	Copy and read protection with MIFARE® DESFire® + ABUS security application with static UID
Transponder conformity	Passive transponder ISO 14443 A (MIFARE® DESFire®)
Transponder encryption	AES 128-Bit
Transponder programming	Access control software and card reader