

# TECTIQ Transponder Advanced white MIFARE DESFire EV3 8K (Security UID)

Art.-Nr. TTTP10108W

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## THE DIGITAL KEY FOR ABUS TECTIQ KEY SYSTEMS

### Unlock doors contactlessly

This battery-free RFID key fob 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 RFID transponder can be used for other applications as required, such as time recording systems, photocopiers and canteen billing. Thanks to its robust design, the key fob is suitable for long-lasting use on key rings (resistant to dust, dirt and moisture). As a passive transponder, it does not require a battery.

### 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.

### Desired colour variant?

This key fob is available in green, blue, red, black or white. This means that different user groups (cleaning staff, employees, management, etc.) can be given an individual colour, for example.

## Technologies

- Attractive RFID key fob with stainless steel mounting bracket (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

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- Maximum copying and tampering protection thanks to additional integrated, system-specific 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

## Technical data - TECTIQ Transponder Advanced white MIFARE DESFire EV3 8K (Security UID)

|                            |  |
|----------------------------|--|
| Area of application        | Locking media for ABUS TECTIQ access control system with static UID                        |
| Colour                     | white  |
| Design                     | Keyfob   |
| Dimensions                 | 36,5 x 45,3 x 5,5 mm   |
| IP protection class        | 64   |
| Item abbreviation          | T-MIF-DES-ADV-8K-SEC-UID-W   |
| Material                   | Novodur (body), polished stainless steel (frame)   |
| 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  |