

cyberJack[®] RFID basis

The basic reader for beginners



Data sheet

The cyberJack[®] RFID basis supports non-contact RFID chip cards for applications such as eID with the ID card or eTicketing.

The RFID chip card can also be inserted into the reader at a 45° angle for convenient handling. The card can be fixed in its contact position which is an advantage on the move.

Die Highlights

- Basic reader (CAT-B) according to BSI TR-03119
- Plug & play – no installation required
- Updateable
- BSI quality seal
- Short USB lead (25 cm) for notebook use
- Free support in the REINER SCT Forum



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Further information under: reiner-sct.com/cyberjack_rfid_basis

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Category and function

Security class	1
Reader category according to TR-03119	Basic reader (CAT-B)
Non-contact interface	ISO/IEC 14443 A/B
Contacting interface	✗
eID function with nPA	✓
eSign function (QES) with nPA	✗
Terminal authentication with EAL4+ module (for nPA QES)	✗
Electronic Banking (FinTS / HBCI)	✗
Secoder function	✗
Electronic signature with contacting cards	✗
Multi-application capable (several applications in the reader)	✗

Keypad and displays

Secure PIN entry on integrated keypad/number of keys	✗ / –
LC-C display/number of characters/backlight	✗ / – / ✗
Visible display size	–
Operating status display	1 LED (green)

Interfaces

Chip card protocols	T=CL
Supported voltages for chip cards	–
Chip card supply	–
Reading distance	< 2 cm (depending on chip card/day and antenna geometry)
RF transmission speed	Up to 424 kBit/s (depending on the chip card/day)
Antenna	Integrated
Contact unit	–

Hardware properties

Connection and supply line length	USB 2.0 type A / 0,35 m
Housing colors (standard)	black / white
Special colors, custom printing	✓ (Observe minimum purchase)
Dimensions (L x B x H) in mm	92,5 x 67 x 11
Dimensions packing (L x B x H) in mm	121 x 72 x 25
Weight (without packing)	44 g
Weight (with packing)	61 g
Ambient temperature storage / operation	-10 °C - 50 °C / 0 °C - 50 °C
Permissible humidity	Max. 90 %; non-condensing

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Security, confirmations and certifications

Firmware update	✓
Firewall function for chip card communication	✗
Security testing ITSEC E2/high by TÜV IT	✗
Confirmation according to SigG/SigV for contacting cards	✗
Confirmation according to SigG/SigV for nPA QES	✗
DK-Secoder approval	✗
Security seal for protection against manipulation (BSI-conform)	✗
Conformity	BSI TR-03105, TR-03119, WEEE-Reg.-No. DE89738751

PC connection

Supported operating systems

Windows: All Windows operating systems for PC and Server (32 / 64 Bit) officially released by Microsoft and included in the extended public support.

Mac (Client): All OS X operating systems (32 / 64 Bit) officially released by Apple and included in the current public support

LINUX (Client & Server): Many common Linux operating systems for PC and server (32 / 64 Bit)
Details and the current drivers can always be found under: reiner-sct.com/treiber

PC interfaces	USB 2.0, CCID, PC/SC
Plug & play – no installation required	✓ (CCID)
REINER SCT Device Manager for Windows	✗

Order data/service/accessories

REINER SCT REINER SCT article number	2 718 500-100
EAN-Code	4011170081061
Support	Free and proven online support

You may need additional software and/or chip cards from third suppliers for the above applications.
(Further information under reiner-sct.com)

Further information under: reiner-sct.com/cyberjack_rfid_basis