

cyberJack® RFID komfort

Der Komfortleser für den elektronischen Personalausweis



Data sheet

The cyberJack® RFID komfort incorporates perfect design and comprehensive functionality. It supports contactless RFID smart cards for applications such as eID and eSign with the newly brought out German national identity-Card (nPA), cash card or eTicketing and at the same time offers maximal security. The cyberJack® RFID komfort supports almost all applications with contacted smart cards such as electronic banking via HBCI / FinTS, secoder, EBICS and cash card and the electronic signature.

The cyberJack® RFID komfort fully aides the PACE protocol of the nPA, and when using the eID function the display clearly shows the validation and authorized person before the data access. Additionally, over the cyberJack® RFID komfort, the ID app and the nPA documents can be signed via eSign function.

The high quality key pad offers a secure PIN input for contacted and contactless smart cards.

Die Highlights

- Security class 4 / comfort reader (CAT-K) according to BSI TR-03119
- Certified secured PIN entry
- Illuminated LC display
- Multi-applicability (e.g. electronic banking, ELSTER)
- Updatable
- Secoder approval according to German credit economy
- Supported eIDAS
- TÜV-IT approved and BSI certified
- Approved according to German law for contacted cards and the nPA
- Integrated security module according to EAL 4+
- Driver for Windows, Linux, Mac OS X and div. terminal server



Bestätigung

von Produkten für qualifizierte elektronische Signaturen gemäß §§ 15 Abs. 7 und 17 Abs. 4 Gesetz über Rahmenbedingungen für elektronische Signaturen und § 11 Abs. 3 Verordnung zur elektronischen Signatur



Der neue Personalausweis



Windows

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Further information under: reiner-sct.com/cyberjack_rfid_komfort

Technical data | cyber® RFID komfort

Category and function

Security class	4
Reader category according to TR-03119	Comfort reader (CAT-K)
Contactless interface	ISO/IEC 14443 A/B
Contacted interface	ISO/IEC 7816
eID function with nPA	✓
eSign function with nPA	✓
Terminal authentication with EAL4 + module (for nPA eSign)	✓
Electronic banking (FinTS / HBCI)	✓
Secoder function	✓
Electronic signature with contacted cards	FES / QES (z.B. für EGVP, ELSTER, ...)
Cash card loading / payment / additional applications (via secoder function)	✓ / ✓ / ✓
Multi-applicability (in reader)	✓
Supported eIDAS	✓

Key pad and display

Secure PIN entry on integrated key pad / amount of keys	✓ / 16 keys (10 numerical / 5 function keys)
LC-display / amount of keys / background illuminated	✓ / 2 x 16 alpha numerical / ✓
Viewable display size	62 x 15 mm
Operating status indicator	2 LED (yellow / green blue duo LED)

Security, approvals and certifications

Secure firmware update with security certification	✓
Firewall function for smart card communication	✓
Security inspection ITSEC E2 / high through TÜV-IT	✓
Approved according to SigG / SigV for contacted cards	✓
Approved according to SigG / SigV for nPA QES	✓
DK-secoder approval	✓
Official security seal manipulation protection (BSI conform)	✓
Conformity	BSI TR-03105, TR-03110, TR-03117, TR-03119, WEEE-Reg.-Nr. DE89738751, CE

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Interfaces

Smart card protocol	T=0, T=1, T=CL
Supported voltage for smart cards	1.8V, 3.0V and 5.0V according to ISO 7816 type A, B, C
Supply smart card	60 mA (short-circuit and overheating proof)
Transmission speed contacted	Up to 400 kBit/s
Contact unit	8 precision contacts gold plated – ISO positioning
Read gap	Defined by RFID card
RF transmission speed ISO 14443	Up to 848 kBit/s
Antenna	Integrated

Hardware characteristics

Connection and electricity supply	USB 2.0 / 5V, 150mA (high power device) Via USB connection
USB power length	1,3 m
Housing colour (standard)	Black / white
Special colours, customer specific printing	✓ (note minimum order amount)
Dimensions without metal base (WxHxD)	124 x 80 x 22 mm
Weight without metal base	145 g
Metal base material / weight	Zinc cast metal / 90 g
Dimensions packaging (WxHxD)	201 x 149 x 47 mm
Ambient temperature storing / operating	-10 °C - 50 °C / 0 °C - 50 °C
Acceptable humidity	Max. 90 %; non-condensing

Order data/service/accessories

REINER SCT article number	2718700-000
EAN-Code	4011170081085
Support	Free and proven online support

PC connection

Supported system software	Windows: All Windows operating systems for PC and server (32-/64-bit) officially published by Microsoft and with extended official support. See: https://docs.microsoft.com/de-de/lifecycle/ Mac (Client): All OS X operating systems (32-/64-bit) officially published by Apple and with current official support LINUX (Client & Server): Many common Linux operating systems for PC and server (32-/64-bit). For details of our drivers, see: reiner-sct.com/treiber
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For the above mentioned applications you may need additional software and / or smart cards from third party providers. Home banking smart cards are available from banking institutes, signature cards from trust centres. (Further information at www.reiner-sct.com)

Further information under: reiner-sct.com/cyberjack_rfid_komfort