

CHERRY KC 1000 SC-Z



Models may vary from the image shown

BSI-certified Class 2 chip card keyboard with secure alphanumerical PIN input

Saves space on the desk and connections on the PC with just one USB port: the CHERRY KC 1000 SC-Z security keyboard with integrated Class 2 reader. Developed and produced in Europe under BSI-certified conditions. The integrated smart card terminal satisfies all the requirements relating to electronic signatures, authentication, data encryption and access authorization. Together with the relevant applications, this corded security keyboard is effectively the reliable doorman in the workplace - certified, intelligent and uncompromising. It provides the necessary long-term security - and without access rights you can't get in...

Key benefits

- Smart, wired security keyboard with integrated chip card terminal
- Secure alphanumerical PIN input (Class 2 reader)
- Certifies in accordance with Common Criteria
- Evaluation level equivalent to EAL3+, without ALC_DEL
- Sealed housing, protection against exposure of matrix inquiry
- Especially recommended for electronic signatures (eIDAS)
- PC/SC, CCID-compatible
- Protocols: T=0, T=1, S=8, S=9, S=10
- Reading/writing ISO 7816 compliant smart cards
- Satisfies requirements defined by FIPS-201
- DE version complies with DGUV 215-410 guidance for ergonomics
- Driver support for Windows/MacOS-X/Linux

- One-handed operation of smart card module
- German version with DIN/GS compliant layout

Technical Data:

Layout (country or language):

Product dependant, see table "Models"

Housing colour:

Product dependant, see table "Models"

Key colour:

Product dependant, see table "Models"

Weight (product):

approx. 840 g

Total weight (with packaging):

1150 g

Cable Length:

approx. 1.80 m

Storage Temperature:

-20°C to 65°C

Operating Temperature:

0°C to 50°C

Current Consumption:

max. 100 mA

Interface:

- USB

Product approvals:

- cURus
- VDE GS
- c-tick
- VCCI
- CE
- FCC
- FIPS 201



System requirements:

- USB connection

Delivery Volume:

- CHERRY KC 1000 SC-Z
- Operating instructions in hard copy

Dimensions (product):

approx. 458 x 188 x 46 mm

Packaging dimensions:

approx. 472 x 232 x 55 mm

Packaging (version):

White box

Keyboard:

- Key technology: LPK
- Service life, standard key: > 10 million key operations
- Number of Keys: Product dependant, see table "Models"
- Number of additional keys: 4

Smart card reader:

- Type: Mechanical
- Hardware interface: USB
- Chip-card protocols: T=0, T=1, S=8, S=9, S=10
- Contact: mechanical swipe reader
- Software interface: CT-API, PC/SC

- Mating cycles: approx. 100,000 operations
- Compatible chip card types: Reads and writes on all ISO 7816 cards
- Transmission speed reader <==> card: 420 kBit/s
- Transmission speed reader <==> system: max. 12 MBit/s
- Chip card pulse frequency: 4.8 MHz

Packaging Unit:

- Number of products in the master package: 49
- Number of master packages per pallet: 2

Warranty:

2 years

Errors, technical changes and delivery possibilities excepted.
Technical information refers only to the specifications of the
products. Features may differ from the information provided.

Models:

(possible country/layout versions, others available on request)

	Product name	Order number	Layout (country or language)	Housing colour	Key colour	Number of Keys
1	CHERRY KC 1000 SC-Z	JK-A0100DE-0-Z-	Germany	pale grey	pale grey	105+4
2	CHERRY KC 1000 SC-Z	JK-A0100DE-2-Z-	Germany	black	black	105+4
3	CHERRY KC 1000 SC-Z	JK-A0100EU-0-Z-	US English with EURO symbol	pale grey	pale grey	104+4