

CHERRY KC 1000 SC



Models may vary from the image shown

Security keyboard with integrated smart card terminal

Lasting reliability. Timeless elegance. Intelligent concept. CHERRY KC 1000 SC combines the benefits of a classic CHERRY office keyboard with the security-related requirements of a security keyboard.

Key benefits

- Smart, wired security keyboard with integrated chip card terminal
- Secure PIN entry
- PC/SC smartcard reader
- Protocols: T=0, T=1, S=8, S=9, S=10
- EMV 2000 Level 1 approved
- CCID compatible
- Reading/writing ISO 7816 compliant smartcards
- Supports firmware update in the field (through flash controller)
- Flat design, low smart card contacting unit
- Satisfies requirements defined by FIPS-201 (approval process ongoing)
- German version with DIN/GS compliant layout
- Driver support for Windows/MacOS-X/Linux
- One-handed operation of smart card module
- German version complies with BGI 650 guidance for ergonomics

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 

System requirements:

- USB connection

Delivery Volume:

- CHERRY KC 1000 SC
- 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
- Agency Approvals: EMV 2000 Level 1
- 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: 6
- Number of master packages per pallet: 16

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	JK-A0100BE-0	Belgium	pale grey	pale grey	105+4
2	CHERRY KC 1000 SC	JK-A0100BE-2	Belgium	black	black	105+4
3	CHERRY KC 1000 SC	JK-A0100CH-0	Switzerland	pale grey	pale grey	105+4
4	CHERRY KC 1000 SC	JK-A0100CH-2	Switzerland	black	black	105+4
5	CHERRY KC 1000 SC	JK-A0100DE-0	Germany	pale grey	pale grey	105+4
6	CHERRY KC 1000 SC	JK-A0100DE-2	Germany	black	black	105+4
7	CHERRY KC 1000 SC	JK-A0100ES-0	Spain	pale grey	pale grey	105+4
8	CHERRY KC 1000 SC	JK-A0100ES-2	Spain	black	black	105+4
9	CHERRY KC 1000 SC	JK-A0100EU-0	US English with EURO symbol	pale grey	pale grey	104+4
10	CHERRY KC 1000 SC	JK-A0100EU-2	US English with EURO symbol	black	black	104+4
11	CHERRY KC 1000 SC	JK-A0100FR-0	France	pale grey	pale grey	105+4
12	CHERRY KC 1000 SC	JK-A0100FR-2	France	black	black	105+4
13	CHERRY KC 1000 SC	JK-A0100GB-0	UK	pale grey	pale grey	105+4
14	CHERRY KC 1000 SC	JK-A0100GB-2	UK	black	black	105+4
15	CHERRY KC 1000 SC	JK-A0100IT-0	Italy	pale grey	pale grey	105+4
16	CHERRY KC 1000 SC	JK-A0100IT-2	Italy	black	black	105+4