

# 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:

- 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