

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
- Flat design, low smart card contacting unit
- Satisfies requirements defined by FIPS-201
- 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
- Awarded the "Blaue Engel" environmental seal

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:

- UL Recognized Component Approval
- VDE GS
- c-tick
- VCCI
- CE
- FCC
- FIPS 201
- CITRIX



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: Product dependant, see table "Models"
- Number of master packages per pallet: 2

Warranty:

Product dependant, see table "Models"

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	EAN code	Layout (country or language)	Housing colour	Key colour	Warranty	Number of Keys	Number of products in the master package
1	CHERRY KC 1000 SC	JK-A0100BE-0	4025112084560	Belgium	pale grey	pale grey	2 years	105+4	56
2	CHERRY KC 1000 SC	JK-A0100BE-2	4025112084577	Belgium	black	black	2 years	105+4	56
3	CHERRY KC 1000 SC	JK-A0100CH-0	4025112084676	Switzerland	pale grey	pale grey	2 years	105+4	56
4	CHERRY KC 1000 SC	JK-A0100CH-2	4025112084584	Switzerland	black	black	2 years	105+4	56
5	CHERRY KC 1000 SC	JK-A0100DE-0	4025112083518	Germany	pale grey	pale grey	2 years	105+4	56
6	CHERRY KC 1000 SC	JK-A0100DE-2	4025112083525	Germany	black	black	2 years	105+4	56
7	CHERRY KC 1000 SC	JK-A0100ES-0	4025112084669	Spain	pale grey	pale grey	2 years	105+4	56
8	CHERRY KC 1000 SC	JK-A0100ES-2	4025112084591	Spain	black	black	2 years	105+4	56
9	CHERRY KC 1000 SC	JK-A0100EU-0	4025112083501	US English with EURO symbol	pale grey	pale grey	3-year limited manufacturer's guarantee	104+4	56
10	CHERRY KC 1000 SC	JK-A0100EU-2	4025112083532	US English with EURO symbol	black	black	3-year limited manufacturer's guarantee	104+4	56
11	CHERRY KC 1000 SC	JK-A0100FR-0	4025112084652	France	pale grey	pale grey	2 years	105+4	56
12	CHERRY KC 1000 SC	JK-A0100FR-2	4025112084607	France	black	black	2 years	105+4	56
13	CHERRY KC 1000 SC	JK-A0100GB-0	4025112084645	UK	pale grey	pale grey	2 years	105+4	56
14	CHERRY KC 1000 SC	JK-A0100GB-2	4025112084614	UK	black	black	2 years	105+4	56
15	CHERRY KC 1000 SC	JK-A0100IT-0	4025112084638	Italy	pale grey	pale grey	2 years	105+4	56
16	CHERRY KC 1000 SC	JK-A0100IT-2	4025112084621	Italy	black	black	2 years	105+4	56
17	CHERRY KC 1000 SC - TAA	JK-A0104EU-2	4025112086427	US English with EURO symbol	black	black	2 years	104+4	49