

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
- 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
- c-tick
- VCCI
- CE
- FCC
- FIPS 201
- TÜV-Süd/GS
- CITRIX
- UKCA



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:

3-year limited manufacturer's guarantee

For the first two years after delivery, the statutory warranty applies. In the third year after delivery, CHERRY voluntarily grants an additional warranty according to the following conditions ("extended warranty"). In the event of a defect, please contact the seller of your CHERRY product. Do not carry out any repairs on your own and do not open the product. There is no warranty if unauthorized changes to the product cause a defect.

Conditions for the extended warranty:

In the case of a defect after the first 2 years after delivery of the CHERRY product, CHERRY grants its customers for the additional period of one year the right to assert claims for cure, i.e. demand that the defect is remedied or a thing free of defects is supplied. The extended warranty is to be asserted against the seller of the CHERRY product upon presentation of the original invoice, proof of purchase or a comparable proof of the time of purchase.

CHERRY, and the seller of the CHERRY product, where applicable, shall remedy the defect in the event the customer has justified claims for cure under the terms of the extended warranty.

Excluded from the extended warranty are damages caused by improper use, in particular by the effects of chemical substances, other damages caused by external influences, as well as normal wear and tear and optical changes, in particular discoloration or abrasion of shiny areas. Also excluded from the extended warranty are accessories and other parts which are not an integral part of the purchased item.

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