CHERRY KC 1000 SC

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):
(possible country/layout versions, others available on request)
US English with EURO symbol

Housing Color:
black

Key Color:
black

Weight (product):
approx. 840 g / approx. 1.85 lb

Total Weight (with packaging):
1150 g / 2.54 lb

Cable Length:
approx. 1.80 m / approx. 5.91 ft

Storage Temperature:
-20°C to 65°C / -4° F to 149° F

Operating Temperature:
0°C to 50°C / 32° F to 122° F

Current Consumption:
max. 100 mA

Interface:
• USB

Product Approvals:
• cURus
• VDE GS
• C-Tick
• VCCI
• CE
• FCC
• FIPS 201

System Requirements:
• USB connection

Box Contents:
• CHERRY KC 1000 SC
• Operating instructions in hard copy

Dimensions (product):
approx. 458 x 188 x 46 mm / approx. 18.03 x 7.40 x 1.81 in

Packaging Dimensions:
approx. 472 x 232 x 55 mm / 18.58 x 9.13 x 2.17 in

Packaging (version):
White box

Keyboard:
• Key Technology: LPK
• Service life, standard key: > 10 million key operations
• Number of Keys: 104+4
• 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:** 49
- **Number of master packages per pallet:** 2

**Warranty:**
- 2 years

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Errors, technical changes and delivery delays may occur. 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)

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Order Number</th>
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<tr>
<td>CHERRY KC 1000 SC - TAA</td>
<td>JK-A0104EU-2</td>
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