

CHERRY KC 1000 SC

Security Keyboard with Integrated Smart Card Terminal



Models may vary from the image shown

The CHERRY KC 1000 SC introduces lasting reliability along with practical elegance into the workplace - and all this with total security. The integrated smart card terminal satisfies all the key requirements relating to electronic signatures, authentication, data encryption and access authorisations. Together with the relevant applications, this corded security keyboard is effectively the reliable doorman in the workplace – certified, intelligent and uncompromising. It provides the necessary long-term security – and without access rights you can't get in...

FUNCTION AND PERFORMANCE

- 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 "Blauer Engel" environmental seal

TECHNICAL DATA

Weight main product:	840 g
Dimensions product without packaging:	458 mm x 188 mm x 46 mm
Cable length:	180 cm
Storage temperature:	-20 °C - 65 °C
Working temperature:	0 °C - 50 °C
Product approvals:	• CE • cURus • Citrix • GS • FCC • RCM • UKCA • FIPS 201
Awards & Certificates:	• Blauer Engel • TÜV-GS
System Requirements-Hardware:	• USB 2.0 • USB-A
Operating system:	• Linux • Windows 7 • Windows 8 • Windows 11 • Windows 10
Scope of delivery:	• Manual • Keyboard
Reliability:	MTBF > 45.000 hours
Software support:	• CHERRY KEYS • Card Reader Tools • PC/SC Diagnose Tool
Service life per key (in million strokes):	10 mio. actuations
Switching characteristics:	standard
Max. current consumption (mA) of keyboard:	100 mA

Keyboard format:	Full-size (100%)
Integrated metal plate:	yes
Volume (dB) of keyboard:	40,7 db
N-Key Rollover:	no
Anti-ghosting:	no
Key encryption:	no
Response time:	3-5 ms
Internal memory:	no
Actuating force (cN):	55 cN
Actuating force tol.:	10 cN
Pre-Travel:	2,5 mm
Total Key Travel:	3 mm
Key labeling:	Laser etching
Palm rest:	Palm rest not available
USB-Hub:	no
Number of keys:	105 + 4
Special key functions:	• Calculator • e-mail program • Browser • PC lock
Illumination:	no
Adjustable feet:	yes
Status LEDs:	in housing
Key technology:	Rubberdome
Keycap material:	ABS

Protected PIN entry:	yes
Protocols:	• S=8 • S=9 • S=10 • T=0 • T=1
Unit chipcard reader:	Sliding Contacts
SW interface:	• CCID • PC/SC • CT-API
Installation location:	top-mounted
Mating cycles:	100,000
Chip card types:	ISO 7816 Cards
SmartCard-Speed:	420 kBit/s
System speed:	12 MBit/s
Clock frequency:	4.8 MHz
Card power:	60 mA
Status display of chip card reader:	two-in-one LED
Chip-card reader type:	contact
Model number:	JK-A01
Protection class:	Standard
Warranty:	3 years warranty

Errors, technical changes and delivery options reserved. Technical information refers only to the specification of the products. Properties are not guaranteed.

SKU / EAN / UPC	Protection class	Colour	Illumination	Layout
JK-A0100BE-2 EAN 4025112084577 UPC	Standard	black	no	BE (Belgium)
JK-A0100CH-2 EAN 4025112084584 UPC	Standard	black	no	CH (Switzerland)
JK-A0100CS-2 EAN 4025112086830 UPC	Standard	black	no	CS (Czech Republic / Slovak Republic)
JK-A0100DE-2 EAN 4025112083525 UPC	Standard	black	no	DE (Germany)
JK-A0100ES-2 EAN 4025112084591 UPC	Standard	black	no	ES (Spain)
JK-A0100EU-2 EAN 4025112083532 UPC 840183604387	Standard	black	no	EU (USA+ €-Symbol)
JK-A0100FR-2 EAN 4025112084607 UPC 840183604394	Standard	black	no	FR (France)
JK-A0100GB-2 EAN 4025112084614 UPC 840183604400	Standard	black	no	GB (United Kingdom)
JK-A0100IT-2 EAN 4025112084621 UPC	Standard	black	no	IT (Italy)
JK-A0100PN-2 EAN 4025112085130 UPC	Standard	black	no	PN (PanNordic)
JK-A0100US-2 EAN 4025112085376 UPC	Standard	black	no	US (USA)
JK-A0100BE-0 EAN 4025112084560 UPC	Standard	white-grey	no	BE (Belgium)
JK-A0100CH-0 EAN 4025112084676 UPC	Standard	white-grey	no	CH (Switzerland)

SKU / EAN / UPC	Protection class	Colour	Illumination	Layout
JK-A0100DE-0 EAN 4025112083518 UPC	Standard	white-grey	no	DE (Germany)
JK-A0100ES-0 EAN 4025112084669 UPC	Standard	white-grey	no	ES (Spain)
JK-A0100EU-0 EAN 4025112083501 UPC	Standard	white-grey	no	EU (USA+ €-Symbol)
JK-A0100FR-0 EAN 4025112084652 UPC	Standard	white-grey	no	FR (France)
JK-A0100GB-0 EAN 4025112084645 UPC	Standard	white-grey	no	GB (United Kingdom)
JK-A0100IT-0 EAN 4025112084638 UPC	Standard	white-grey	no	IT (Italy)
JK-A0100PN-0 EAN 4025112085666 UPC	Standard	white-grey	no	PN (PanNordic)

Please contact your local CHERRY service and support teams or your CHERRY sales partners for versions available in your country.