

KC 1000 SC

TAA Compliant Security Keyboard With Integrated Smart Card Terminal



Models may vary from the image shown

The CHERRY KC 1000 SC TAA, a TAA Compliant Security Keyboard, introduces lasting reliability along with practical elegance into the workplace - and all this with total security. It is designed for GSA sales to government agencies, the military, their vendors and suppliers as well as other organizations requiring end products which meet the manufacturing requirements according to the U.S. Trade Agreement Act Specifications (TAA). 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
- • 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
- • TAA compliant

TECHNICAL DATA

Color:	black
Weight main product:	840 g
Weight of product without packaging:	851 g
Dimensions product without packaging:	458 mm x 188 mm x 46 mm
Weight of product incl. packaging:	1,048 g
Dimensions product incl. packaging:	475 mm x 230 mm x 60 mm
Cable-length:	180 cm
Storage temperature:	-20 °C - 65 °C
Working temperature:	0 °C - 50 °C
Product approvals:	<ul style="list-style-type: none">• CE• cURus• Citrix• GS• FCC• Blauer Engel• RCM• UKCA• FIPS 201

System Requirements-Hardware:	<ul style="list-style-type: none"> • USB 2.0 • USB-A
Operating system:	<ul style="list-style-type: none"> • Linux • Windows 10 • Windows 7 • Windows 8 • Windows 11
Scope of delivery:	<ul style="list-style-type: none"> • Manual • Keyboard
Reliability:	MTBF > 45.000 Stunden
Software support:	<ul style="list-style-type: none"> • 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 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:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • S=8 • S=9 • S=10 • T=0 • T=1
Unit chipcard reader:	Sliding Contacts
SW interface:	<ul style="list-style-type: none"> • 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
UPC:	840183604417
Model number:	JK-A01
Protection class:	Standard
Warranty:	1 year warranty

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