Security

"KC-1000 SC" JK-A0100EU

Models may vary from the image shown

Security keyboard with integrated smart card terminal
Long term reliability and Intelligent design:
CHERRY JK-A0100EU combines the benefits of a classic
CHERRY office keyboard with the security-related
requirements of a security keyboard.

Key Benefits
- 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
- Thin design, low smart card contacting unit
- Driver support for Windows/MacOS-X/Linux
- One-handed operation of smart card module
- FIPS 201 certified

Technical Data:
Housing Color: Black and Pale Gray

Key Color: Black and Pale Gray

Weight (product):
Approx. 840 g /1.85 lbs

Total Weight (with packaging):
Approx. 1150g /2.53 lbs..

Cable Length:
Approx. 1.80 m / Approx. 70.8"

Current Consumption:
Max. 100 mA

Interface:
USB

Product Approvals:

cURus	
VDE GS	
VCCI	
C-Tick	
CE	
FCC	

System Requirements:
USB connection

Delivery Volume:
JK-A0100EU
Operating instructions in hard copy

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

Storage Temperature:
-20°C to 60°C / -4° F to 140° F

Dimensions (product):
Approx. 458 x 188 x 46 mm
Approx. 18" x 7.4" x 1.80"

Packaging Dimensions:
Approx. 472 x 232 x 55 mm
Approx. 18.58" x 9.13" x 2.16"

Keyboard:
- Key switch technology: LPK (Low Profile Keyboard)
- Service life, standard key: > 10 million key operations
- Number of Keys: 104
- Number of additional keys: 4

Technical Data Continued:

Smart Card Reader:

- 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: 6
Number of master packages per pallet: 16

Warranty:

2 years

Model:

Product Name	Order Number	Housing Color	Key Color
CHERRY KC 1000 SC	JK-A0100EU-0	Pale Gray	Pale Gray
CHERRY KC 1000 SC	JK-A0100EU-2	Black	Black

(Possible country/layout versions, others available on request)