



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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)



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The manufacturer accepts no liability for errors or non-availability, and reserves the right to change specifications without prior notice. Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.