

JK-A0100 & JK-A0104



Models may vary from the image shown

Security keyboard with integrated smart card terminal

Long term reliability and Intelligent design:

The CHERRY JK-A0100 & JK-A0104 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/Mac OSX/Linux
- One-handed operation of smart card module
- FIPS 201 certified

Technical Data:

Housing Color: Black or Pale Gray

Key Color: Black or 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-A0100 or JK-A0104

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 travel: 3mm
- 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= 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:

Part Number	Model	Color	Notes
JK-A0100EU-0	CHERRY KC 1000 SC	Pale Gray	Non-TAA Compliant
JK-A0100EU-2	CHERRY KC 1000 SC	Black	Non-TAA Compliant
JK-A0104EU-0	CHERRY KC 1000 SC	Pale Gray	TAA Compliant
JK-A0104EU-2	CHERRY KC 1000 SC	Black	TAA Compliant

(Possible country/layout versions, others available on request)
Minimum order quantities may apply

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