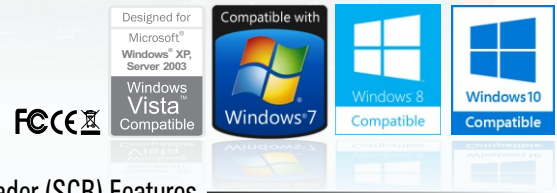# 108S SMART CARD KEYBOARD

BY ACCURATUS

Designed for PC

Full Layout Keyboard with Smart Card Reader

Order Code: KYBKC-108S-UB

Accuratus 108S - USB full layout Standard size keyboard with Smart card reader

FC C€ ⌀

Keyboard Specifications

- USB 'plug and play' connection
- All in one USB interface for the Keyboard and Smart Card reader
- Integrated Smart Card reader using Alcor Micro Smart Card Controller
- Black case and keys (other colours made on request)
- Mid height 19mm pitch(wide) keys with quality membrane key mechanism, offering 8M key strokes with an excellent tactile feeling
- Full UK English key layout withe media keys (other language layouts available on request)
- High quality clear easy read laser etched key legends
- Fold out feet to allow for keyboard tilt
- Keyboard status LED's (Caps, Num, Scroll Lock)
- Brown box environment friendly packaging

Smart Card Reader (SCR) Specifications

- EMV 4.0 Level 1 specification certified
- PBOC2.0 Level 1 certified
- Level 3 Compliant
- Supports USB 2.0 full speed, USB-IF certified
- Based on ISO7816 implementation
- Support PC Smart Card industry standard – PC/SC 2.0
- Support Microsoft Smart Card for Windows
- Meet Microsoft WHQL USB Smart Card Reader requirements
- Meet US Federal Information Processing Standards (FIPS) Publication 201 requirements on smart card reader interoperability
- Compatible operating system: Windows XP/ 2000/ Vista/ Win7/ Win8/ Win10, Linux Redhead 9、Ubuntu 8.04、Fedora Core 9 or later version

Smart Card Reader (SCR) Features

- Support single slot
- Support T0, T1 protocol
- Support I2C memory card, SLE4418, SLE4428, SLE4432, SLE4442, SLE4436, SLE5536, SLE6636, AT88SC1608, AT45D041 card and AT45DB041 card via external EEPROM
- Support ISO7816 Class A, B and C (5V/3V/1.8V) card
- Implemented as an USB full speed device with bulk transfer endpoint, Mass Storage endpoint
- Built-in PLL for USB and Smart Card clocks requirement
- Support EEPROM for USB descriptors customization (PID/VID/ iManufacturer/ iProduct/Serial Number), Direct Web Page Link, and accessing memory card module.
- EEPROM programmable via USB interface
- Support software update for memory card module
- Support short APDU and extended APDU
- Compatible with Microsoft USB-CCID driver
- Support remote wake up through inserting card/removing card
- Support USB selective suspend
- Support card power over current protection mechanism
- Built in resonator.
- Support USB LPM (Link Power Management) features.
- Embedded clock source.

Physical Specifications

- Dimensions: 447 x 149 x 47mm(to top of SCR) (l x w x h)
- Cable length: 1.5M

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