AC104S SMART CARD MEDICAL
BY ACCURATUS

Professional Medical Smart Card Keyboard with Fully Sealed Keys

Designed for PC
*Also Works with Mac

FC CE

Designed for Microsoft® Windows® XP, Server 2003 / Windows Vista™ Compatible

Compatible with Windows®7

Windows 8 Compatible

Windows 10 Compatible

Order Code: KYB500-AC104SU (BK = Black or WH = White)
Accuratus AC104SF - Professional Medical & Clinical Full Layout keyboard with Fully Sealed Keys and World-renowned GemCore Smart Card Reader

About

The Accuratus AC104S is a professional grade medical & clinical smart card keyboard with fully sealed keys designed to be wiped clean. With the world renowned GemCore smart card reader chipset, and full travel low profile industrial grade keys, it really is built to last.

The AC104S has a special shaped affixed silicone top casing that fully encases all of the keys (not smart card reader) and wraps around the edge of the keyboard, so that the keyboard can quickly and easily be wiped clean. Perfect for fast infection control, simply press the cleaning button on the keyboard to lock the keyboard, then spray and wipe the keyboard. The keyboard is not designed to be fully submersed / steam cleaned. The AC104S is the perfect keyboard for any medical / clinical environment that requires infection control and also a high security smart card reader, for example, hospitals, GP practices, dental surgeries, laboratories and other clinical environments

Keyboard Specifications

- USB2.0 full speed 'plug and play' connection , with all in one USB interface for the Keyboard and Smart Card reader
- World renowned GemCore Smart Card Reader (more details below)
- Fully sealed keys, the complete top case (excluding the Smart Card reader) is encased in a special shaped silicone, designed for medical and clinical environments
- Special silicone covering is designed to be cleaned with most common disinfectant chemicals
- Fast, quick and easy to clean for infection control, simply spray and wipe
- Integrated cleaning button, disables the keyboard while the keyboard is being cleaned. Saves time from having to either turn the computer off or unplug the keyboard.
- White or Black case and keys (other colours made on request)
- Under the silicone covering are low profile full travel keys with industrial grade membrane key mechanism, offering 10M key strokes with an excellent tactile feeling
- Full UK English key layout with numeric keypad (other language layouts available on request)
- High quality clear easy key legends that are embedded into the silicone top for excellent character life span
- Fold out feet to allow for keyboard tilt
- Keyboard status LED's (Caps, Num, Scroll Lock, Smart Card Reader)
- Brown box environment friendly packaging

Smart Card Reader (SCR) Specifications

GemCore proposes solutions to be the core on any smart card interface.It has been chosen and widely deployed by key players in security markets such as PC, payment, telecom markets and used for all kinds of smart card applications such as: User Authentication, Logical access control and secure logon, Physical access control, Home banking, E-commerce and Healthcare

- World renowned GemCore Smart Card Reader
- GemCore chips are compliant with all the market standards: PC/SC Microsoft WHQL, EMV level 1 V4.1, ISO7816, USB 2.0 and CCID1.0 (when applicable), Secure Pin Entry EAL3 (when applicable), RoHS
- Access to all ISO 7816 and EMV microprocessor cards (T=0, T=1) through PC/SC drivers
- Communication speed with the smarc card : up to 826Kbds (when supported by the SC)
- Synchronous cards through a comprehensive API
- 5V /55mA, 3V/50mA, 1.8V/20mA smart card power supply
- Full ISO7816 and EMV2000 compliances
- Short circuit protection
- Card removal detection when powered on
- ESD protection on card IOs: 8KV contact
- Drivers for 10, 8.1, 8, 7, Vista, XP, Server 2008, Server 2003, CE
- Vista Microsoft CCID class driver compliant
- CT/API based on MCT/BCS Specs
- Synchronous API
- Apple Mac OS driver : 8KV contact
- Other OS driver : CILK library (free Gemalto CCID source code)

Physical Specifications

- Dimensions: 472 x 183 x 47.5mm (l x w x h)
- Cable length: 1.5M

KBS Keyboard Specialists

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