



Order Code: KYB500-K107BUSB

Accuratus K107B - USB Professional Full Size Landing Contact Smart Card Keyboard



## About

The Accuratus K107B is a professional full size keyboard with an integrated high quality landing contact Smart Card reader. The Smart Card reader has a certified life of over 300,000 insertions so assures of a very long life, a huge difference compared to cheaper smart card readers on the market which have a sliding mechanism with a certified life of only 100,000 insertions. Supporting all major smart cards in the market and with the ability to flash the firmware 'in the field' you are guaranteed against obsolescence. The K107B has fold out feet and full height shaped keys allowing for comfortable typing hour upon hour, and Smart Card LED landing lights showing a successful read the K107B is a pleasure to use.

## Specifications

- USB 'plug and play' connection
- Black case and keys (other colours made on request)
- Manufactured from durable and high quality plastics
- Full size UK key layout, includes number pad and arrow keys
- Full height shaped keys with a positive and tactile feel to allow for comfortable and natural typing
- Clear easy read key legends
- Integrated high quality landing contact Smart Card reader allowing for 300,000+ insertions, compared to 100,000 insertions if it had a sliding contact mechanism
- Fully tested and compliant with all major Smart Cards in the market
- True single chip solution
- Supports secure PIN entry which means PIN authentication without transmitting the PIN to the host system
- On board flash, enabling future firmware and application enhancements in the field that guarantee against obsolescence
- Fold out feet to allow for keyboard tilt
- Status LED's (Caps, Num & Scroll Lock)
- Dual state Smart Card LED
- Brown box environment friendly packaging

## Smart Card Reader

- T=0, T=1 protocol support
- Memory card support through SCM MCARD API
- Communication speed up to 344,105bps (PPS, FI param)
- Support ISO 7816 Class A and AB Smart Card
- Secure PIN entry via vendor specific IOCTLs
- Landing Contact, certified for 300,000 insertions
- API: PC/SC and CT-API (through wrapper on top of PC/SC)

## Physical Specifications

- Dimensions: 472 x 183 x 47.5 mm (l x w x h)
- Weight: 1280g
- Cable Length: 1.8M



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