ASEDrive IIIe KB - Bio
Integrated Fingerprint Sensor
Smart Card Keyboard
USB (2.0 Full Speed) Interface

Highlights – Smart Card Reader

- Contact smart card reader complying with all major international standards including, ISO7816 and EMV.
- Microsoft PC/SC certified.
- Supporting all CPU-based Smart Cards and memory cards.
- High-speed communication designed for Digital Signature and PKI systems.
- Upgradeable Flash Memory.

Highlights – Biometric Sensor

- Silicon Fingerprint Sensor 500 dpi.
- Precise BioMatch™Pro (requires license) and BioAPI support.

Highlights - Keyboard

- Highly reliable membrane contact technology.
- Low noise and low profile key switch for quiet and easy typing.

The most valuable Smart Card Keyboard

ASEDrive IIIe KB - Bio is a member of Athena's new family of smart card readers. **ASEDrive IIIe KB - Bio** supports all major international standards such as ISO7816 and EMV, as well as industry and de facto standards such as Microsoft's PC/SC. All ISO7816 compliant CPU-based smart cards, as well as major memory cards are supported.

ASEDrive IIIe KB - Bio is one of the most cost effective Biometric smart card keyboards, while providing excellent performance, compatibility and upgradeability.

Superior Smart Card Performance

Modern applications for smart cards such as Digital Signature, Digital Certificate Verification and PKI require higher performance of the smart card readers. **ASEDrive IIIe KB - Bio** was carefully designed to ensure higher communication speeds, in order to reduce the time needed for communication intensive operations. **ASEDrive IIIe KB - Bio** also delivers higher clock frequency to smart cards. It reduces time for CPU intensive operation, such as cryptographic calculations. With these high performance features, **ASEDrive IIIe KB - Bio** ensures the unparalleled throughput required in modern smart card applications.

Reliability

The **ASEDrive IIIe KB - Bio** keyboard is designed with the most reliable membrane contact technology, while the smart card reader's landing contacts ensure long card life.

Specifications are subject to change without notice.

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Smartcard Solutions Inc.

Host Interface	• Full speed USB (12 Mbps)
Keyboard	• 104/105 keys • Membrane key with tactile feeling • Auto-repeat function
Smart Card Interface	• T=0, T=1 protocol support • Memory card support • Communication speed up to 323Kbps • ISO 7816 Class A and AB • Secure PIN entry (Specific IOCTL)
Smart Card Connector	• 8 contacts - ISO location • Certified for 200,000 insertions • Landing contact
Cable	1.5m with USB type A
Biometric Sensor	• UPEK – TCS1/2 • 500 dpi sensor resolution • TouchChip® technology
OS	• Windows 2000, XP, 2003, Vista, 10
API	• PC/SC • CT-API (PC/SC wrapper) • BioAPI • Precise BioMatch™Pro (requires license)
Approval	• FCC Class B part 15, CE • Microsoft WHQL Me, 2000, XP