



AET63- BioTrustkey Reader Software Development Kit



Product Information ✚

The software development Kit (SDK) enables you to efficiently develop new applications and systems or incorporate the AET63 BioTRUSTKey's powerful smart card-fingerprint reader combination into your existing applications. Included in the package are sample cards, sample codes, tools and utilities, demo applications, and reference materials that let developers integrate fingerprint authentication into smart card-based applications very quickly.

SDK Contents ✚

AET63 BioTrustKey Smart Card/ Fingerprint Reader

- Integrated fingerprint scanner/smart card reader
- Full-speed USB interface
- Requires no additional power supply
- Match-on reader – Template extraction and matching algorithms run within the device itself, not in the PC
- Large active sensor size – 12.8mm x 18.0mm
- High-resolution 508 DPI imaging
- Utilizes CMOS active capacitive pixel sensing technology, resulting to high-quality fingerprint images in any environment
- ISO7816 1/2/3- and PC/SC-compliant
- Supports all microcontroller cards, with T=0 or T=1 protocols
- Encrypted fingerprint template stored inside smart card
- (Optional) Session key generation among smart card, BioTRUSTKey processor and host computer
- (Optional) USB data transmission protection via 3DES encryption
- (Optional) SAM
-

Test Cards

- 10 x ACOS3 microprocessor-based plug-in cards



Warden
Security Systems

*Smart products
Secure Solutions*

www.wardenindia.com

CD-ROM

- **Software drivers**
 - supports Windows 98, ME, 2000, NT 4.0, XP and Vista and Linux (Kernel <2.6)
- **Demo programs**
 - Application Demo – simulates a fingerprint-secured ID, Door and Bank system
 - BioBanking Demo – performs simulated banking transactions for clients using ACOS cards and AET63 BioTRUSTKey
 - Functional Demo – demonstrates the different functionalities of the AET63 BioTRUSTKey
- **Utility Tools**
 - PC/SC CardTool – tests protocol transfer between the reader and the PC
 - FormatACOS and TFM EEPROM Loader – initialize your ACOS3 cards, as well as the EEPROM in the TFM.
 - QuickView – checks for proper driver installation
- **Sample codes**
 - Demonstrate basic commands used to communicate between readers and cards
 - Borland Delphi 7.0, MS Visual Basic 6.0 and MS Visual C++ 6.0
- **Reference Manuals**
- **Technical Specifications**