

the plastic card specialists

ADT60 BioSIMKey



The ADT60 BioSIMKey is an extremely compact device integrating a fingerprint scanner and a smartcard reader. Utilizing the strengths of these two technologies, the BioSIMKey provides a highly secure yet affordable authentication process.

It is ideal for security-intensive applications requiring two-factor or three-factor authentication, and its compact design makes it easily portable and adaptable to a variety of applications.

Features

- Smallest integrated fingerprint scanner/smart card reader in the market today
- High-speed USB interface
- Requiring no additional power supply
- Portable and easily transferable from one PC to another

Fingerprint Scanner Features

- High-resolution 508 DPI imaging
- Utilizes patented TouchChip™ technology, resulting in high quality fingerprint images in any environment

Security Features

- Encrypted fingerprint template stored inside smartcard
- Session key generation among smartcard, BioSIMKey Processor and host computer

Development Tools

The BioSIMKey can be purchased with its own software development kit which includes:

- 1 BioSIMKey Reader
- 10 Smartcards
- Plug-in SIM card converter (for using full sized smartcards).
- Software CD
- Two Demo Programs
- Sample code written in various programming languages
- BioSIMKey application programming interface (API)
- Smartcard training materials and biometric reference materials.

The BioSIMKey can be used in conjunction with a variety of software development toolkits to match your smartcard requirements. These include microcontroller toolkits for BasicCard, Java, MULTOS and others.

Economical

The BioSIMKey provides a viable and easily deployable tool for security-intensive applications at very reasonable costs.

A sleek and compact design combined with high-security features make the BioSIMKey an ideal biometric solution for the ChipGear™ family of products.

Technical Specifications

- USB
- Supply Voltage: Regulated 5 VDC
- Supply Current: <50mA (without smartcard)
- Operating Temp: 0-50 °C
- Standards / Certifications: ISO 7816-3, PC/SC, CE, FCC
- Operating System Support: Windows 98, Me, 2000, and XP.