

## Portable Biometric Authentication Solutions



### Obsolete Identity Management Access Control processes

SecureXperts can assist your organization by managing the complexity of standard PKI based encryption technology. Eliminating the difficulty-of-recalling and easy-to-decode PINS and passwords forever, while allowing the user to store their key with them when they sign off their device.

For more information please visit  
[www.securexperts.com](http://www.securexperts.com)

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### **“No Pin—No Passwords” Secure Biometric Authentication** Facilitating secure physical and logical access to IT integrated solutions and platforms

**State of the Art** Portable USB 2.0 flash drives are secure portable data storage devices that incorporate a built in secure biometric fingerprint reader for user access control and strong data encryption that ensures that sensitive data remain secure wherever it travels. Data is automatically encrypted on a durable metal tamper resistant enclosure providing secure personal identity management and credential storage directly on the device. When the device is removed from a computer, no residual data or footprint is left behind.



### When Security Is Not an Option

### Secure Applications for the following Industries:

**Government**  
**Medical/Health Care**  
**Law Enforcement**  
**Public Safety**  
**Financial**  
**Military**  
**Education**



### What Makes us Different

Our solution is unique by the method of protection used to store the data on the device. Without user intervention, all data created or copied to the device is automatically encrypted. Data is securely transmitted validating the user identity via trusted digital certificates that allow a unique user access to remote computing platforms. Our patent pending software technology provides a variety of customizable applications meeting stringent government regulations (HIPAA, GLBA, SOX, and ISO/BS17999) standards for positive user verification with up to 2048 bit encryption. Our solution is completely portable and provides point to point encrypted communications between a variety of physical and logical devices including (remote cameras, medical databases and public/private networks. Personal digital certificates issued by a trusted authority is compatible with most internet browsers, email clients in conjunction with other secure applications on wired /wireless networks.

## Detailed Specifications for the Biometric USB Drive

### Storage Capacity

- Available in capacities of 4GB, 8GB 16GB. And now 32GB
- 4GB ( $\pm 5\%$ )
- User selectable partition sizing
- Public Partition (default 1/2 total size)
- Secure Partition Default 1/2 total size)- Not accessible until authenticated



### Government Certifications

- Federal Information Processing Standards (FIPS 140-2)
- FCC Part15, Class B

### Features

- Employs AuthenTec's TruePrint® sensor advanced high definition technology to deliver unparalleled biometric access control.
- Password Protection: A 32-character password may be employed to backup the biometric access control feature further protecting unauthorized access.
- All fingerprint and password databases are retained within a secret, non-accessible, partition on the SecureXperts Biometric USB Drive. No transfer of sensitive biometric or password data base information is transferred to the host PC.
- Advanced Encryption Standard (AES) - 256Bit key. Using state-of-the-art encryption technology all data written to the secure partition is seamlessly encrypted using the AES 256bit key.
- Dual resizable partitioned drive provides a restricted secure drive for sensitive data and a public drive for pier group sharing. The secure partition cannot be accessed or viewed until a successful biometric login is confirmed.

### Interface

- USB 2.0 & USB 1.1 Compatible - Plug and Play (Public Partition only)
- Maximum Transfer Rate (USB 2.0 version): >5.5MB/sec Write. >8.0MB/sec Read
- Maximum Transfer Rate (USB 1.1 version): 800KB/sec Write. 1.0MB/sec Read

### Operating System

- Windows 98SE/Windows 2000, Windows XP, Vista

### Security

- AuthenTec™ TruePrint® Fingerprint Sensor: 128 x 128 pixel, 500 DPI
- 4 user sets of fingerprints may be registered
- 256-bit AES encryption on all data written to the Secure Partition
- Up to 32 character password

- All biometric and password files retained on the device

### Data retention

Up to 10 years

### Environmental and Power Requirements

- Operating temperature range: 0 to 70°C (32 to 158F)
- USB bus power (no external power supply)
- Power Consumption: (standby:132mA- Maximum:160mA)
- Storage temperature range: -40 to 80°C (-40 to 176F)
- Operating/Storage humidity range: 10 to 90% (with no condensation)
- Dimensions: 99 x 23 x 13 mm (LxWxH)
- Weight: Approximately 26g

### Warranty

- Limited 1 year warranty. Return to point of purchase.

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