

Protexx Biometric Clip Drive



Protexx Biometric Clip Drive Flash Memory

- Portable USB 2.0 flash drives with Biometric security to safeguard access to drive;
- Fingerprint scan required to access ClipDrive Bio™;
- Secure, protected partition on the drive cannot be accessed without being authenticated;
- All files placed on the Protexx Biometric Clip Drive secure partition are automatically encrypted (without user intervention and in background);
- Easy-to-use and install wherever you go with a Protexx annual certificate included.

The Protexx Biometric Clip Drive is the most secure and advanced USB 2.0 data storage device on the market. Using leading edge biometric fingerprint technology, the scanner authenticates a user's identity & then gives the user access to the hidden secure partition on the Protexx Biometric Clip Drive. All data saved on the Secure Partition portion of the Clip Drive is automatically encrypted and hidden.

Pricing

64 MB	\$189.75	128 MB	\$199.75	256 MB	\$209.75
512MB	\$234.75	1GB	\$274.75	2GB	\$394.75

What Makes Us Different

The **Protexx™** solution is unique in that we can protect data by securely encrypting the transmissions to and from any Inter and Intranet platforms utilizing digital signatures. Our patent pending software technology S.I.T.H. [Secure Information Transmission Highway] provides user and sender verification and positive identification with up to 2048 bit encryption. This completely portable solution provides point to point encrypted communications. The user is provided with their own digital certificate which is compatible with most of the e-mail clients that support certificates, to digitally sign their e-mail. Secure transmission is provided from any wireless or networked environment, from sender, through our NOC [Network Operating Center], to receiver which would be the end point for the encrypted communications

The Protexx approach is unique in that we create a "tunnel within a tunnel" that secures the user and not just the device. A user is provided with a client piece, which

contains all the programming to establish the Protexx tunnel. This is a common piece and needs to be loaded on all computers to establish the tunnel. The second piece of information a user receives is their own unique certificate and startup script. The tunnel wrappers all of your IP packets in a secure communication path from the client to the server, the data headers, user names and passwords that would otherwise be open and vulnerable to outside attack are now hidden. The tunnel is established and authenticated by using the users' certificate. The problem with most available encryption solutions today is that they are based upon DES, 3DES, AES, PGP, RSA, 128 or 256 bit encryption all of which can easily be hacked. Protexx's S.I.T.H. exclusive 2048 bit Dynamic Encryption algorithm coupled with our GUI [Graphic User Interface] with fingerprint Biometric Clip Drive provides positive identification by allowing your certificate to be stored on a removable clip drive so it is easy to move from system to system and even if your laptop, computer or harddrive is stolen no information is lost with it. Verisign, for example, protects the device, but if I have your device, I can be you and steal your information.

Protexx's Network Operating Center (NOC) allows us to act as your third party Certificate Authority taking away your responsibility of trying to manage the complexity of this European Standard PKI based encryption technology. This eliminates the difficult-to-recall and easy-to-decode PINS and passwords forever while allowing the user to store their key with them when they sign off their device.

Detail Specifications for the Protexx Biometric Clip Drive

Storage

- Available in capacities of 64 MB, 128 MB, 256 MB, 512MB, 1GB and 2GB,
- 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

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 Protexx Biometric Clip Drive. No transfer of sensitive biometric or password data base information is transferred to the host PC.
- Advanced Encryption Standard (AES) - 128Bit key. Using state-of-the-art encryption technology all data written to the secure partition is seamlessly encrypted using the AES 128bit key.
- Dual resizable partitioned drive provides a restricted secure drive for sensitive data and a public drive for peer 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

Security

- AuthenTec™ TruePrint® Fingerprint Sensor: 128 x 128 pixel, 500 DPI
- 16 Fingerprints may be registered.
- 128-bit AES encryption on all data written to the Secure Partition
- 32 character password
- All biometric and password files retained on the device

Data retention

Up to 10 years

Power

- USB bus power (no external power supply)
- Power Consumption:
 - Standby: 132mA
 - Maximum: 160mA

Environmental

- Operating temperature range: 0 to 70°C (32 to 158F)
- Storage temperature range: -40 to 80°C (-40 to 176F)
- Operating/Storage humidity range: 10 to 90% (with no condensation)

Physical

- Dimensions: 99 x 23 x 13 mm (LxWxH)
- Weight: Approximately 26g
- LED Indicator:
 - Flashing: Transmitting/Receiving Data
 - Continuous: Idle

Warranty

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

Regulatory

- EMC Compliance
 - FCC Part 15, Class B
 - CE EN55022 Class B (1998) for conducted and radiated emissions

100% Guaranteed Biometric Security

Protexx Biometric Clip Drives utilize 128x128 high-definition sensors to deliver unmatched security for your data.



For more information please visit www.protexx.com

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