



Meet The HYDRA PRIVACY CARDTM Family Portable USB Encryption and Storage Devices

Like A Bank Vault In Your Pocket

Hydra Privacy Card (Hydra PCTM) devices are much more than an encrypting USB flash drive. Files can be encrypted and stored anywhere, not just on the device. Think of a vault with individual safe deposit boxes, each with its owner or owners. Even if safecrackers forced open the vault, they would still have to break into each box, one at a time. Like a bank vault, Hydra PC provides secure hardware-based protection and encrypts each file using a unique key.

Hydra PCTM Features and Benefits

- ▲ **Secure** USB encryption device, PKI token, key generator, and encryption engine.
- ▲ **Encrypt and store data anywhere**—on the device, on a server, or in the cloud.
- ▲ **Infinite storage capacity**—uses replaceable microSD card for the **lowest cost per GB**.
- ▲ Exchange *Sharing Certificates* to **securely share** files or storage cards with authorized Digital Attaché users.
- ▲ **Data Containment**—Prohibit Rogue device connection and lock approved devices to specific computers to **prevent data leakage**.
- ▲ Every file is encrypted with a **unique key**.
- ▲ Keys are generated in the device and **never exported or escrowed**.

- ▲ Quorum technology reconstitutes keys as required—they are **not stored** anywhere.
- ▲ A customer-provisioned **Recovery Agent** allows for decryption of Digital Attaché data if the device or password is lost.
- ▲ **Smart card** PKI functionality— Digital Attaché can generate key pairs, store certificates, sign emails, and enable strong authentication.
- ▲ Optional Sentry A-V **active anti-malware** delivers real-time protection to stop malware and worms in their tracks.
- ▲ Implements **Suite B cryptography**, an interoperable cryptographic base for both unclassified information and most classified information.

Select the Hydra PCTM drive that's right for you

- Need a high-security replacement for IronKey, MXI, and SanDisk? Choose the **PocketVault P-384**.
- Encrypt, store, and transfer information on the **Personal Encryption Device** which meets the US Department of Defense specifications for transferring SECRET data between secure enclaves.
- Encrypt, store, transfer, and share information with defense-in-depth file and sector encryption and smart card functionality using the **Digital Attaché**.

More details at www.spyrus.com/products/hydrapc_expanded.asp

Technical Specifications

- **Capacity***
 - Entombed 2GB, 4GB, 8GB, 16GB, 32GB
 - Replaceable standard or SDHC microSD cards for infinite capacity
- **Speed (dependent on microSD card)**
 - Up to 20MB per second read
 - Up to 10MB per second write
- **Dimensions**
 - 3.2 x 0.5 x 0.9 inches
 - Custom design and packaging available, including raw epoxied PC board
- **Weight**
 - .8 oz (22 grams)
- **Temperature**
 - Operating: -20°C, +65°C
 - Storage: -40 °C, +85 °C
- **Interface**
 - USB 2.0 high speed
- **Operating System Compatibility***
 - Windows 2000 SP4
 - Windows XP SP2+
 - Vista
 - Windows 7
 - Windows Embedded Standard
 - Linux
 - MacOS 10.4 and above
- **Multiple individually-validated FIPS 140-2 Level 3 security boundaries create a flexible and extensible architecture allowing continuous technology upgrades.**
 - Cryptographic operating system (SPYCOS®)
 - Sector-based encryption
 - File encryption
- **Active anti-malware**
 - Sentry A-V using McAfee anti-virus engine with auto-update
- **Managability**
 - Can be managed by the SPYRUS Enterprise Management System (SEMS)



■ Encryption—US Department of Defense-approved Suite B cryptography

- Sector (FDE): XTS-AES 256 bit
- File: AES CBC 256 bit
- Encryption Keys: 256-bit Hardware
- Secure Channel: ECDH P-384 and AES 256
- PKI Signing: ECDSA P-521 and lower
- Hashing: SHA-384

How To Buy

- On the USCYBERCOM approved list
- On the DoD IDIQ—please call or email sales@spyrus.com
- Federal and civilian agencies can source via DAR ESI/BPA reseller Autonomic Resources (www.autonomicresources.com) #GS-35F-0587R
- Available in the USA from Amazon and from resellers worldwide.

For more information about SPYRUS products, visit www.spyrus.com or contact us by email or phone.

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* Dependent on model and case option

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Specifications are subject to change without notice.

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