

**AES 256-BIT HARDWARE  
ENCRYPTION**

**NO SOFTWARE TO INSTALL**

**FIPS 140-2 LEVEL 3  
VALIDATED**



**SECURE MOBILE STORAGE FOR HIGH-VOLUME DEPLOYMENTS**

The IronKey Basic D200 series delivers cost-effective mobile data security with high performance and reliability. Designed specifically for the needs of sensitive military, government and enterprise networks, IronKey D200 drives protect data using strong hardware encryption, and the algorithm approved by the DoD for storing Top Secret data. Active anti-malware also stops USB malware from spreading to government networks and PCs.

**Always-On Data Encryption**

All user data is protected with AES 256-bit hardware encryption. Unlike software-based encryption, this "always-on" protection cannot be disabled. In addition, IronKey improves the user experience because the drive's encryption is done by the Cryptochip, not the PC processor, so the PC is not slowed down.

**Tamper-Resistant—FIPS 140-2 Level 3 Validated**

The IronKey Basic D200 drive is an investment that will last for years. Its rugged metal casing protects it against physical damage, and the internal components are sealed to protect against tampering. This protection—plus a tough one-piece aluminum case, the ability to intelligently detect and respond to threats and other measures—make IronKey drives the only flash drives fully validated at FIPS 140-2 Level 3 for the encryption module, the memory module, and the authentication module. Additionally, it far exceeds military waterproof requirements. IronKey validation covers not only the cryptographic module but also the circuit board, memory, and authentication system.

**Hardened, Secure and Self-Defending**

No one can access files stored on an IronKey drive unless they authenticate with the correct password. All encryption and password verification are performed in hardware, and cannot be disabled by malware or a careless user. Self-defending IronKey drives also provide hardware-level active protections against the spread of worms, crimeware, and other malicious code.

**Easy to Deploy and Maintain**

IronKey devices do not require any software or drivers to be installed, and even work on Windows XP, Vista and Windows 7 without administrator privileges. They deliver drag-and-drop encryption, "plug and play" simplicity, and intuitive encrypted backup, which help to minimize the total cost of ownership.

**Cross Platform**

IronKey Basic D200 works with Windows 2000, XP, Vista or Windows 7 drivers. IronKey Basic D200 devices also work on Linux and Macintosh OS systems.

"As one of the first customers of IronKey, it is the only drive we have the confidence to authorize for use in the agency."

*Kenneth D. Rogers, Chief Information Officer, Science and Technology Directorate of the Department of Homeland Security*

WHICH IRONKEY IS RIGHT FOR YOU?	ENTERPRISE	PERSONAL	BASIC
Remote Terminate for Lost or Stolen Drives	✓		
Access Control and Revocation	✓		
User Activity and Event Tracking	✓		
Device Recovery and Recommissioning	✓		
Managed Remotely over the Internet	✓		
Enforceable Security Policies	✓		
Automatic Antivirus Scanning	✓		
RSA SecurID®, CRYPTOCard, One-time Password	✓		
Web Privacy and Identity Protection*	✓	✓	
Built-in Malware Protection	✓	✓	✓
Automatic Hardware Encryption of All Data	✓	✓	✓
Dual Channel, High Performance Architecture	✓	✓	✓
Ruggedized, Tamper-Resistant & Waterproof	✓	✓	✓

\*Secure Browser, Built-in Identity Manager, and VeriSign® Identity Protection (VIP)

# The World's Most Secure Flash Drive

# BASIC D200

## TECHNICAL SPECIFICATIONS

**Capacity**  
4GB, 8GB, 16GB or 32GB

**Speed\***  
Up to 25MB per second read  
Up to 17MB per second write

**Dimensions**  
75mm X 19mm X 9mm

**Weight**  
.9 oz (25 grams)

**Waterproof**  
MIL-STD-810F

**Temperature**  
Operating: 0 °C, +70 °C  
Storage: -40 °C, +85 °C

**Operating Shock**  
16G RMS

**Hardware**  
USB 2.0 high speed

**Operating System Encryption Compatibility**  
Windows 2000 SP4, Windows XP SP2+,  
Vista, Windows 7, Macintosh OS X 10.4+,  
Linux 2.6+

**Hardware Encryption**  
Data: AES Cipher-Block Chained mode  
Encryption Keys: 256-bit Hardware  
PKI: 2048-bit RSA  
Hashing: 256-bit SHA  
FIPS Validations: 140-2 Level 3  
Section 508 Compliant

## IRONKEY BASIC D200 BENEFITS

- Provides the highest data security available on any USB flash drive
- Enforces encryption policies
- Eliminates risks associated with lost or stolen drives
- Helps achieve policy compliance
- No Windows administrative privileges required
- No software or drivers to install
- Easy to deploy and use

## Secure, Reliable, Easy to Use

IronKey has worked with numerous enterprises and leading technology and security partners to provide an extremely secure solution that is reliable, easy to deploy, and will not increase calls to the Help Desk.

### Reliable & Premium Quality

Shielded in a solid, tamper-resistant and waterproof metal casing, the IronKey drive is built to survive years of wear and tear.

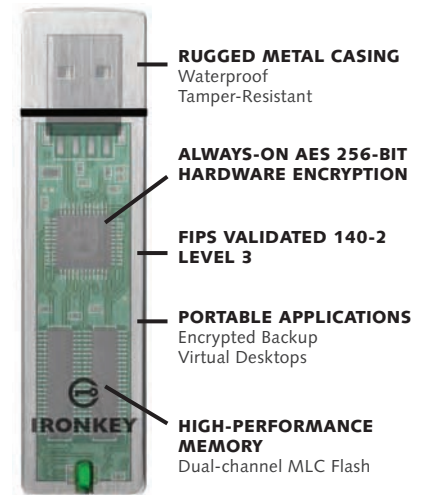
### Hardware-Level Key Defense

When an IronKey drive is plugged into a laptop or desktop computer, the user must authenticate with a password before encryption keys are enabled and data and applications are accessible. Unlike software-based encryption, the IronKey Cryptochip manages keys internally and does not export AES encryption keys to the host PC, thereby protecting against cold-boot and malware attacks.

IronKey Basic D200 protects against brute force password guessing attacks by using non-volatile access-failure counters stored on the Cryptochip itself. If a thief tries to break into an IronKey drive and enters 10 incorrect passwords, the Cryptochip can disable the drive or securely erase all encrypted data and self destruct.

### Endpoint Security Aware

IronKey Basic D200 has been designed to work seamlessly with many of the industry's leading endpoint security software products. Every device has a unique serial number, making it easy to manage and apply usage policies—even restricting ports to only a whitelisted set of drives.



www.ironkey.com sales@ironkey.com

5150 El Camino Real, Suite C31  
Los Altos, CA 94022 USA

Toll-Free 866 645 9847  
Federal Hotline 888 351 4698

T 650 492 4055 F 650 967 4650



## Secure by Design

The IronKey team of world-renowned encryption, authentication, and Internet security experts designed IronKey devices and online services to withstand sophisticated security attacks, including brute force password guessing, USB sniffing, physical disassembly, differential power analysis and chip inspection.

©Copyright 2009 IronKey, Inc. All rights reserved. Reproduction in whole or in part without written permission from IronKey is prohibited. IronKey and the IronKey logo are trademarks of IronKey, Inc. Windows, and all other trademarks are properties of their respective owners. Features and specifications are subject to change without notice. \*Read/write speeds tested in a laboratory environment. Actual speeds may vary. Advertised capacity is approximate. Not all of it will be available for storage.

