IRONKEY D300S ENCRYPTED USB FLASH DRIVE
FIPS 140-2 Level 3 Certified

Kingston's IronKey™ D300S/SM USB Flash drive features an advanced level of security that builds on the features that made IronKey well-respected, to safeguard sensitive information. It's FIPS 140-2 Level 3 certified, with 256-bit AES hardware-based encryption in XTS mode. An essential pillar to setting security standards, corporate policies and data loss protection (DLP) best practices. An important element in the quest of compliance to industry standards and global regulations such as the GDPR.

For added peace of mind, the drive uses digitally signed firmware, making it immune to BadUSB, and it enforces complex password protection[1] with minimum characteristics to prevent unauthorized access.

Encryption and decryption is done on the drive, with no trace left on the host system, and the drive locks down and reformats after 10 invalid attempts, to protect against brute force attacks.

Rugged and secure, IronKey D300S/SM has a zinc casing and tamper-evident epoxy seal for physical security, so you can rest assured the drive will hold up, even in the most demanding situations.

Customizable, easy to use and waterproof up to 4 feet, conforming to IEC60529 IPX83[2]. SuperSpeed (USB 3.0) technology means you don't have to compromise speed for security.

On top of its industry-leading data protection, IronKey D300S / D300SM provides a unique serial-number and barcode printed on drive and virtual keyboard.[3]

Managed model
Requires SafeConsole or IronKey EMS software management system[4]. This allows central management of drive access and usage across thousands of drives.

Either cloud-based or on-premises, it enforces drive-specific policies, such as password strength and retry limits, and lets administrators remotely disable lost or stolen drives, recover lost passwords and more.

> › Advanced level of security that builds on the features that made IronKey well-respected

> › Available in a Managed model that requires SafeConsole or IronKey EMS[4]

> › Rugged and secure casing that meets IronKey standards

> › Fast data transfers that use the latest in NAND Flash and controller technology

> › Customizable

> › Easy to use

> › NATO Approved

more ››

FEATURES / BENEFITS

Encrypted — With encryption, no one can access data that you have stored on the drive without knowing the password.

Meet frequently requested IT requirements — IronKey D300S/SM is FIPS 140-2 Level 3 certified and TAA compliant so you can rest assured it meets the most frequently requested corporate and government IT requirements.

Unique Serial Number and Scannable Barcode — Time saver, simply read or scan the barcode, when deploying, when it is returned as well as during any physical auditing.

Virtual Keyboard — Enables users to enter a password via mouse clicks, instead of using a physical keyboard; to reduce the risk of keylogging when using your encrypted drive on other computers.

SPECIFICATIONS

Interface
USB 3.1 Gen 1

Capacities[8]
4GB, 8GB, 16GB, 32GB, 64GB, 128GB

Speed[9]
USB 3.1 Gen 1

4GB: 80MB/s read, 12MB/s write
8GB & 16GB: 165MB/s read, 22MB/s write
32GB: 250MB/s read, 40MB/s write
64GB: 250MB/s read, 85MB/s write
128GB: 250MB/s read, 85MB/s write

USB 2.0
4GB: 30MB/s read, 12MB/s write
8GB-128GB: 30MB/s read, 20MB/s write

Dimensions
3.06" x 0.9" x 0.47" (77.9 mm x 22.2 mm x 12.05 mm)

Waterproof
Up to 4 ft.; conforms to IEC 60529 IPX8.
Product must be clean and dry before use.

Operating Temperature
32°F to 140°F (0°C to 60°C)

Storage Temperature
-4°F to 185°F (-20°C to 85°C)

Compatibility
USB 3.0 compliant and 2.0 compatible

Minimum System Requirements
– USB 3.0 compliant and 2.0 compatible
– Two (2) free drive letters required for use

Compatible with
Windows® 10, Windows 8.1, Windows 8, macOS (v. 10.14.x – 11.x.x)

Standard Drive – Compatible with
Windows® 10, Windows 8.1, Windows 8, macOS (v. 10.14.x – 11.x.x), Linux v.2.6x+ [7]

Managed Drive – Compatible with
Windows® 10, Windows 8.1, Windows 8, macOS (v. 10.14.x – 11.x.x)[10]

KINGSTON PART NUMBERS

Serialized Standard	Serialized Managed
IKD300S/4GB	IKD300SM/4GB
IKD300S/8GB	IKD300SM/8GB
IKD300S/16GB	IKD300SM/16GB
IKD300S/32GB	IKD300SM/32GB
IKD300S/64GB	IKD300SM/64GB
IKD300S/128GB	IKD300SM/128GB

COMPATIBILITY TABLE

Operating System	D300S	D300S Managed	
		File Transfer	SafeConsole / IronKey EMS
Windows®10, 8.1, 8	√	√	√
macOS (v. 10.14.x – 11.x.x)	√	√	√[10]
Linux v.2.6.x+[7]	√[5]	√[6]	

1. Password requirements set by Administrator during set up using IronKey EMS for IronKey D300 Managed drives.
2. Product must be clean and dry before use.
3. Virtual Keyboard: Only supports US English on Microsoft Windows.
4. SafeConsole or IronKey EMS Cloud Service End of Life (EOL) Announcement by DataLocker, purchased separately.
5. D300S supports limited Linux commands, such as login, logout, initialize, about and forgot password.
6. D300SM supports limited Linux commands, such as login, logout and password change.
7. Certain distributions of Linux will require super-user (root) privileges in order to execute the IronKey commands properly in the terminal application window.
8. Some of the listed capacity on a Flash storage device is used for formatting and other functions and thus is not available for data storage. As such, the actual available capacity for data storage is less than what is listed on the products. For more information, go to Kingston's Flash Memory Guide.
9. Speed may vary due to host hardware, software and usage.
10. D300SM macOS 11.x support expected Q2 2021

Kingston TECHNOLOGY