diskAshur®

"With real-time AES hardware encryption, software free design and a super speed USB 3.0 connection, you can secure your data faster than ever before."

iStorage
Secure
USB 3.0
Portable Drive

Looking for an effortless way to secure your data while taking advantage of the fastest USB 3.0 speeds? Look no further than the diskAshur, the latest and fastest of iStorage's secure drive line. With the same easy-to-use keypad design and software free setup, the diskAshur enables you to access the drive with your own unique pin but now at data transfer speeds of up to 5Gbps.

Military Grade FIPS PUB 197 Validated Encryption: Using your choice of 128-bit or 256-bit AES-XTS hardware encryption, the iStorage diskAshur seamlessly encrypts all data on the drive in real-time, keeping your data safe even if the hard drive is removed from its enclosure.

Software Free Design: With no software installation required for setup or operation and the ability to run on any platform, the iStorage diskAshur provides stress free deployment in corporate environments. Its Administrator Feature allows enrollment of up to five unique user ID's and one administrator, making it a useful business collaboration tool.

Super fast USB 3.0 Connection: Data transfer speeds up to 10X faster than USB 2.0: With a super speed USB 3.0 interface, you can now access your files faster than ever before. The diskAshur is also backwards compatible with USB 2.0 and 1.1 ports.

Brute Force Self Destruct Feature: The iStorage diskAshur uses a three pronged approach to protect against a Brute Force attack. The first step is to deny access to the drive until the drive can verify the user PIN. After six incorrect attempts the drive will lock itself, requiring the drive to be plugged in again to input a PIN. This feature blocks automated attempts to enter PIN numbers. Lastly, after a predetermined number of failed PIN entries, the diskAshur assumes it is being attacked and will destroy the encryption key and lock itself, rendering the data useless and requiring a total reset to redeploy the diskAshur.

Variable Timing Circuit Technology: Protection against hacker attempts doesn't stop with Brute Force. Incorporated into the iStorage diskAshur's electronics is iStorage's Variable Time Circuit (VTC) technology, working to thwart "timing attacks" aimed at accessing the drive by studying the behavior and infiltrating the diskAshur's electronics.

Drive Reset Feature: The diskAshur also employs a useful drive reset feature, which can be implemented with a unique command. This clears all PINs and data, and creates a new randomly generated encryption key, enabling the drive to be reset and redeployed as many times as needed.

Auto-lock Feature: The unattended diskAshur can be configured to lock after a pre-determined amount of time of your choosing. Ideal for protecting your data when you're away from your desk.

Wear Resistant Key Pad: Designed with protection in mind, the entire iStorage diskAshur family incorporates 'wear resistant' keypads to hide key usage and avoid tipping off a potential hacker to the commonly used keys.

Data at Rest Protection: All data, PINs, and encryption keys are always encrypted while at rest.

Compact, Rugged Design: Perfect for taking your data on the road, the diskAshur's low powered design is perfect for using with notebooks and taking your data on the road. Perfectly pocketable, the diskAshur's compact, robust design features a 16-point omni-directional shock mounting system and rubberised paint, protecting the drive from drops and knocks. The convenient integrated USB 3.0 cable eliminates the need to carry around cords with you and allows you to be connected at the flick of a fingertip.

iStorage
www.istorage-uk.com
info@istorage-uk.com

iStorage Limited, Research House, Fraser Road,
Greenford, Middlesex. UB6 7AQ, England
Tel: +44 (0) 20 8537-3435 – Fax: +44 (0) 20 8537-3438

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iStorage

Features at a glance:

- Military Grade FIPS PUB 197 Validated Encryption
- PIN activated 6-16 digits - Alphanumeric keypad use a memorable number or word for your PIN
- Hardware Encrypted Drive - Real-time 256-bit AES encryption seamlessly encrypts all data on the drive, protecting the drive even if it is removed from it's casing
- Super Speed USB 3.0 Connection
- Administrator Password Feature - Ideal for IT departments looking to secure their mobile users, by allowing setup of administrator access to the drive before being distributed to their user(s)
- Brute Force Self Destruct Feature
- Auto Lock Feature
- Drive Reset Feature
- Variable Time Circuit Technology
- OS and Platform Independent – Compatible with Windows, Mac, Linux and embedded systems
- No software or drivers required
- Wear Resistant Key Pad
- Brute Force Hack Defence Mechanism
- Customisation service available – Contact iStorage for further information
- 1-Year warranty

Why choose diskAshur?

Did you know that millions of external data storage devices are lost or stolen every year and this figure is rising. Have you ever considered the impact of losing your non-encrypted USB hard drive? Your data would be at the mercy of anyone who stumbles across it.

The Information Commissioner's Office (ICO) now has the power to fine businesses and government bodies up to £500,000 for serious breaches of the Data Protection Act. This includes the loss of an unencrypted USB hard drive that contains client data. The ICO has been very clear in advising businesses and government bodies to encrypt all data that workers access, they also recognise that data which is encrypted and lost or stolen is not vulnerable to compromise.

Loss of confidential data can have a devastating effect on both businesses and consumers. It could lead to a hefty fine, the downfall of a business, embarrassment, job losses and adverse media attention. The iStorage diskAshur can protect you against all of this.

Technical Specifications	
Capacity	250GB, 320GB, 500GB, 640GB, 750GB,1TB
Interface	USB 3.0 - Up to 5Gbps
Power Supply	Bus Powered
Dimensions	19 mm x 84.5 mm x 120 mm
Buffer size	8MB
Approvals	FCC CE, RoHS
RPM	5400
Hardware	USB 3.0 super speed compatible Also compatible with USB 2.0 and 1.1
Operating System compatibility	Windows, MAC OS, Linux
Hardware Data Encryption	AES XTS
Encryption Keys	128-bit or 256-bit AES
iStorage Part Numbers	IS-DG3-256-XXXX | IS-DG3-128-XXXX

(X = Capacity)

Works with

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FC CE RoHS

iStorage Limited, Research House, Fraser Road, Greenford, Middlesex. UB6 7AQ, England
Tel: +44 (0) 20 8537-3435 – Fax: +44 (0) 20 8537-3438 – Email: info@istorage-uk.com – web: www.istorage-uk.com