disk**G**

Secure USB 2.0 CESG CCTM Portable Hard Drive

With real-time CBC-AES 256-bit hardware encryption, PIN access and software free design, the perfect blend of security, durability and speed.

Looking for the highest level of security for your data with an easy to use and CESG CCTM accredited portable hard drive?

The iStorage diskG (formerly known as diskGenie) is the world's most secure, compact and affordable USB 2.0 portable hard drive, employing PIN code access with military grade CBC-AES 128 or 256-bit hardware encryption.

With software free setup and operation, the diskG truly becomes platform independent and works across all operating systems including thin clients and embedded systems such as medical equipment. The diskG enables you to access the drive by simply entering your own unique 6 -16 digit PIN and with a USB 2.0 integrated cable you can now access your data more securely than ever before!

Compatible with:

Main Features

- ✓ CESG CCTM certified
- ✓ FIPS PUB 197 Validated Encryption Algorithm
- ✓ Real-time military grade CBC-AES 256-bit hardware encryption
- ✓ No software or drivers required
- ✓ 100% hardware encryption
- ✓ OS & Platform Independent - compatible with Windows, Mac, Linux, Chrome, Android, Thin Clients & Embedded Systems
- ✓ Brute Force Hack Defence Mechanism
- ✓ Data at Rest Protection
- ✓ PINs and encryption keys are always encrypted while at rest
- ✓ Supports Admin PIN and User PINs 6-16 digits in length
- ✓ Super Speed USB 2.0
- ✓ Variable Time Circuit Technology
- ✓ Wear Resistant Key Pad
- ✓ Bus Powered
- ✓ Drive Reset Feature
- ✓ No admin rights needed
- ✓ Immune to BadUSB
- ✓ Capacities of 250, 320, 500, 640, 750GB & 1TB
- ✓ 2 Year Warranty

CESG CCTM Certified

The encryption chipset incorporated within the iStorage diskG encrypts all data using CBC-AES 128 or 256-bit hardware encryption. The iStorage diskG is the only USB hard drive to be awarded the CESG CCTM government accreditation. The encryption chipset is NIST (National Institute of Standards and Technology) FIPS PUB 197 validated.

Why choose the diskG?

Did you know that millions of external data storage devices are lost or stolen every year and this figure is constantly on the rise. 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. New and enhanced legislation is a global issue that demands strong protection of specific data categories. Nowadays, most international data protection acts demand adequate protection of personally identifiable information (PII).

Government bodies the world over are very clear in advising businesses and institutional organisations to encrypt all data that workers access. Data which is encrypted and is 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.

Request your FREE 30 day evaluation

iStorage products are used extensively by Government Departments, Defence Departments, educational institutions, local / central government, energy/utility companies, financial institutes as well as countless leading multi-national organisations.

To find out why such companies trust iStorage with their valuable and sensitive data, request a no-obligation product evaluation from iStorage.

Please email evaluation@istorage-uk.com or call +44 (0) 20 8991 6260 for your free 30 day evaluation.

Technical Specifications

Capacity	250GB, 320GB, 500GB, 640GB, 750GB & 1TB
RPM	5400
Buffer Size	8MB
Power Supply	Bus Powered
Dimensions (H, W, D)	120 mm x 84.5 mm x 19 mm
Weight	max. 200 grams approx.
Approvals	CESG CCTM certified, FIPS PUB 197 Validated, FCC CE, ROHS, WEEE
Interface	USB 2.0
Hardware	USB 2.0 - Compatible with USB 3.0/1.1
Operating System Compatibility	Windows, Mac, Linux, Chrome, Thin Clients, Android & Embedded Systems
Hardware Data Encryption	CBC-AES 128 or 256-bit
Warranty	2 Years
iStorage Part Number	IS-DG-128-xxxx	IS-DG-256-xxxx (x = Capacity)
Box Contents	Drive, Travel Pouch, USB Y-cable & QSG (Quick Start Guide)

Brute Force Hack Defence Mechanism:
The iStorage diskG 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 several 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 diskG 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 diskG.

Drive Reset Feature:
The diskG 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.

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

Sealed from Physical Attacks by Tough Epoxy Coating:
In addition to encrypting all of the PINs, data and the encryption key itself, the diskG adds another barrier between your data and a hacker.
The encryption chip and circuitry of the diskG are completely protected by a super tough epoxy compound, which is virtually impossible to remove without causing permanent damage to the electronics. This barrier prevents a potential hacker from accessing the crypto module and launching a variety of potential attacks.

Wear Resistant Keypad:
Designed with protection in mind, the diskG's wear resistant keypad hides key usage to avoid tipping off a potential hacker to commonly used keys.

Compact Rugged Design:
Perfect for taking your data on the road, the diskG's low powered design is perfect for using with notebooks and taking your data on the road.
Perfectly pocketable, the diskG's compact, robust design features a 16-point omnidirectional shock mounting system and rubberised paint, protecting the drive from drops and knocks.

The iStorage Product Range - Innovative data security solutions

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iStorage®
SECURING THE MAINSTREAM