diskAshur DT²®

CESG Certified Product
Foundation Grade
HME1433053936-1257

Algemene Inlichtingen- en Veiligheidsdienst
Ministerie van Binnenlandse Zaken en Koninkrijksrelaties

NATO OTAN
Certified to NATO Restricted Level

The world's first and only NCSC CPA & NLNCSA BSPA certified encrypted desktop HDD

The diskAshur DT² USB 3.1 HDD is an ultra-secure, PIN authenticated, hardware encrypted portable hard drive. Using the device couldn't be easier, simply connect to any computer and enter a 7-15-digit PIN. If the correct PIN is entered, all data stored on the drive will be decrypted and accessible. To lock the drive, simply eject it from the host computer and all data stored on the device will be encrypted (full disk encryption) using military grade AES-XTS 256-bit hardware encryption.

One of the unique security features of the diskAshur DT² is the dedicated on-board secure microprocessor (Common Criteria EAL4+ ready), which employs built-in physical protection mechanisms designed to defend against external tamper, bypass attacks and more. The device reacts to an automated attack by entering the deadlock frozen state.

In plain and simple terms, without the PIN there's no way in!

MAIN FEATURES

CITRIX vmware

OS & platform independent

100% hardware encryption, platform/device independent - works with all operating systems.

Compatible with:
MS Windows, macOS, Linux, Android, Chrome, Thin Clients, Zero Clients, Embedded Systems, Citrix and VMware

Government accreditations

The diskAshur DT² has been accredited to NCSC CPA, NLNCSA BSPA & NATO Restricted Level certifications. It is also designed to be certified to FIPS 140-2 Level 3.

Self-destruct feature

You can pre-program the drive with your own unique self-destruct PIN which, once implemented, instantly deletes the encryption key, all PINs, data and then creates a new encryption key.

Wear resistant epoxy coated keypad

Designed with protection in mind, the wear resistant epoxy coated keypad hides key usage to avoid tipping off a potential hacker to commonly used keys.

No speed degradation

As fast as any non-encrypted drive.

Auto lock

The diskAshur DT² automatically locks when unplugged from the host computer or power to the USB port is turned off and can also be set to automatically lock after a predetermined amount of time.

Tamper proof design

All of the components of the drive are completely covered by a layer of super tough epoxy resin, which is virtually impossible to remove without causing permanent damage to the components. This barrier prevents a potential hacker from accessing the critical components and launching a variety of futile attacks.

Brute force hack defence mechanism

After 15 consecutive incorrect PIN entries, the drive assumes it is being attacked and will delete the encryption key and lock itself, rendering all data previously stored on the drive as lost forever. At this point the drive can be reset to factory default settings and redeployed.

Designed, developed and assembled in the UK.

iStorage®

Features

- Real-time military grade AES-XTS 256-bit full disk hardware encryption
- Common Criteria EAL4+ ready on-board secure microprocessor
- FIPS PUB 197 validated encryption algorithm
- NCSC CPA certified
- NLNCSA BSPA certified
- NATO Restricted Level certified
- FIPS 140-2 Level 3 - pending
- PIN authenticated - supports independent user and admin PINs (7-15 digits in length)
- No software required - 100% hardware encryption
- OS & platform independent
- Works on any device with a USB port
- Read-only (write protect) & read/write
- Brute force hack defence mechanism
- Super speed USB 3.1
- Epoxy coated wear resistant keypad
- Self-destruct feature
- Unattended auto lock
- Drive reset feature
- Tamper proof

1. LED lights
- standby state / locked
- user mode / unlocked
- admin mode

2. Alphanumeric kepad
3. Lock
4. Unlock
5. SHIFT key
6. Desk lock slot
7. USB 3.1 port
8. Mains power
9. On/Off switch

AES-XTS 256-bit | SUPERSPEED USB 3.1 | CAPACITIES UP TO 12TB | GDPR COMPLIANT | 30 day free evaluation www.istorage-uk.com

FC CE RoHS TAA

Technical specifications

Hardware	USB 3.1 super speed - backward compatible with USB 1/2/3
Capacities	1TB / 2TB / 3TB / 4TB / 6TB / 8TB / 10TB / 12TB
Speed	225MB/s (read) | 223MB/s (write)
Dimensions (H,W,D)	185.5mm / 112mm / 43.5mm
Weight	approx. 1238 grams based on a 8TB drive, other capacities may vary
Software free Compatible with:	MS Windows, macOS, Linux, Chrome, Android, Thin Clients, Zero Clients, Embedded Systems, Citrix and VMware
Hardware data encryption	AES-XTS 256-bit full disk hardware encryption
Certifications	NCSC CPA, NLNCSA BSPA & NATO Restricted Level certified | FIPS 140-2 Level 3 (pending)
Power supply	12V AC adapter
Ordering information	IS-DT2-256-XXXX-C-G

XXXX = capacity

BOX CONTENT
Desktop drive
Universal mains adapter
USB cable
Quick start guide

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e-mail: info@istorage-uk.com
web: istorage-uk.com

All listed capacities, within the diskAshur range 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.

iStorage®