hiddn

KRYPTODISK 1

Capacity
1 TB

Interface
USB 3.1

Operating systems
Linux, Windows, MacOS

Package includes
KryptoDisk 1
USB cable (integrated)
Quick installation guide
Protective case

MODELS

KryptoDisk 1

Dimensions (mm): L124 x W85 x H19

SECURE, FAST & EASY TO USE

The KryptoDisk 1 is an easy to use, ultra-secure, hardware encrypted portable hard drive. Simply connect the integrated USB 3.1 cable 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 and encrypt all data, simply eject The KryptoDisk 1 from the host computer and the entire contents of the drive will be encrypted (full disk encryption) using military grade AES 256-bit hardware encryption (XTS mode).

If the drive is lost or stolen and an incorrect PIN is entered 15 consecutive times, the drive will reset, the encryption key will be deleted and all data previously stored on the drive will be lost forever.

PRODUCT FEATURES

OS and Platform independent
With software free setup and operation, The KryptoDisk 1 is platform/device agnostic and works across all operating systems including all versions of MS Windows, macOS, Linux, Android, Chrome, Thin Clients, Zero Clients and embedded systems. In fact it will work on any device with a USB port!

Maximum protection of your data
Dedicated hardware based secure microprocessor (Common Criteria EAL4+ ready), which employs built-in physical protection mechanisms designed to defend against external tamper, bypass attacks and fault injections. Unlike other solutions, The KryptoDisk 1 reacts to an automated attack by entering the deadlock frozen state, which renders all such attacks as useless.

TECHNICAL SPECIFICATIONS

Capacity	1 TB
Data transfer speed	Read 148 MBps / Write 140 MBps
Power supply	USB Bus Powered
Approvals	FIPS PUB 197 Validated, FCC, CE, RoHS, WEEE, TAA compliant
Authentication mode	7-15 digit PIN
Interface	USB 3.1
Hardware data encryption	Real time military grade AES – XTS 256-bit Full-Disc
Water and dust resistant	IP 56 certified
Tamper-proofed	✔
Brute-force defence	✔
Immune to Bad USB	✔
Read only & Read and write	✔
PIN authentication	Supports Admin and User independent PIN

hiddn.no/support | sales@hiddn.no

hiddn

KRYPTODISK 1

Capacity
1 TB

Interface
USB 3.1

Operating systems
Linux, Windows, MacOS

Package includes
KryptoDisk 1
USB cable (integrated)
Quick installation guide
Protective case

MODELS

KryptoDisk 1

LED LIGHTS

ALPHANUMERIC
KEYBOARD

LOCK

INTEGRATED
USB CABLE

SHIFT

UNLOCK

SECURITY FEATURES

HIDDN'S ADVANTAGE
A NORWEGIAN
TECHNOLOGY COMPANY

Brute force hack defence mechanism
After five consecutive incorrect PIN entries the drive will freeze, requiring the drive to be disconnected and reconnected to the USB port to get a further five PIN entry attempts.

If a further five (10 in total) consecutive incorrect PIN attempts are entered again, The KryptoDisk 1 will freeze again. To get a further and final five PIN attempts (15 in total), the "shift" button must be pressed whilst inserting the USB cable to the USB port and then a preset PIN will need to be entered

On the fifteenth consecutive incorrect PIN entry, the KryptoDisk 1 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.

Self destruct feature
You can pre-program The KryptoDisk 1 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.

Unattended Auto-lock feature
Set the unattended KryptoDisk 1 to automatically lock after a pre-determined amount of time where the drive has not been used.

Tamper proof and evident design
In addition to incorporating a secure microprocessor, encrypting the data and the encryption key, The KryptoDisk 1 adds another barrier between your data and a hacker.

All of the components of The KryptoDisk 1 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.

Furthermore, the tamper evident design of The KryptoDisk 1 if breached, will provide visible evidence that tampering has occurred.

Epoxy coated keypad
Designed with protection in mind, The KryptoDisk 1 wear resistant epoxy coated keypad hides key usage to avoid tipping off a potential hacker to commonly used keys.

GDPR-COMPLIANT

APPROVED SUPPLIER TO THE NORWEGIAN ARMED FORCES

All trademarks and brand names are the property of their respective owners.

hiddn.no/support | sales@hiddn.no