

KOBRA DRIVE VS (KDVS)

Encrypted HDD / SSD



(

Full-Disk Encryption

256-bit AES full-disk hardware encryption in XTS mode using two 256-bit crypto keys



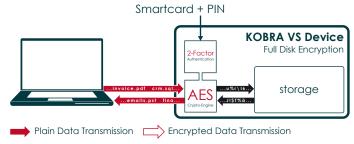
Access Control

Two-factor authentication via smartcard and PIN according to the principle "having and knowing"



Crypto Key Management

Administration of the cryptographic keys by the Users: Create, Modify and Destroy



Approved by the German Federal Office for Information Security (BSI) for government classified information up to NATO RESTRICTED and EU RESTRICTED

KOBRA DRIVE VS is an external encrypted hard disk that corresponds, according to the German Federal Office for Information Security (BSI), to the current state of technology. The KOBRA Drive VS enables the GDPR compliant data storage, data retention and secure transport of classified data up to the classification level of VS-NfD (German public sector classification), RESTREINT UE/EU RESTRICTED and NATO RESTRICTED for authorities and companies. In addition to Kobra Infosec Smartcards, existing PKI-based company ID-, Service- and Troop ID Cards can be used for authentication. In terms of confidentiality, all data stored on the KOBRA DRIVE VS is protected against unauthorized access in case of loss or theft of the device.

Security Features:

- Distribution of roles between administrator and user
- Management software Kobra Client VS
- External generation and calculation of crypto-keys on the smartcard
- Up to 8 smartcards (PKI cards) can be integrated
- Automatic encryption of all data in real-time
- Automatic formatting after key change
- Read-Only Mode mechanism
- Time out function (1 to 30min)
- Lock-Out and Quick-Out functions
- Sturdy metal housing protected against splash water

Optional configurations:

- Laser engraving of logo, inventory numbers, scanable QR codes, designations or similar according to customer
- Custom USB VID, PID & Serial Number
- Integration of other PKI-based ID cards or smartcards of the client
- Read-Only Windows

Security certificates and manufacturer:

 Approved by BSI for German VS-NfD, RESTREINT UE/EU RESTRICTED and NATO RESTRICTED -BSI-VSA-10737, produced by DIGITTRADE GmbH

Technical information:

- Integrated power supply
- Execution of many functions without PC connection
- Simple operation, maintenance and support free
- Modern USB-C connection, compatible with USB 3.0 & 2.0
- · Operating system independent and bootable
- No performance limitations
- Read/write speed: SSD up to 200 MB/s HDD up to 80 MB/s
- Weight: with HDD 415 g, with SSD 363g
- Dimensions: 13.2 cm x 7.7 cm x 2.1 cm
- Scope of delivery: KOBRA Drive VS, Smartcard (optional), USB-C to USB 3.0 Type-A cable, Quick Start Guid

•	Capacities:	Article numbers:	EAN:
	Kobra Drive VS 1 TB HDD	DG-KDVS-1TB-SC	4260111196375
	Kobra Drive VS 2 TB HDD	DG-KDVS-2TB-SC	4260111196382
	Kobra Drive VS 1 TB SSD	DG-KDVS-1TBS-SC	4260111196405
	Kobra Drive VS 2 TB SSD	DG-KDVS-2TBS-SC	4260111196412
	Kobra Drive VS 4 TB SSD	DG-KDVS-4TBS-SC	4260111196429
	Kobra Drive VS 8 TB SSD	DG-KDVS-8TBS-SC	4260111196436
	Kobra Drive VS 16 TB SSD	DG-KDVS-16TBS-SC	4260111196474



Kobra Infosec GmbH

Ernst-Thälmann-Str. 39 D-06179 Teutschenthal www.kobra-infosec.de

