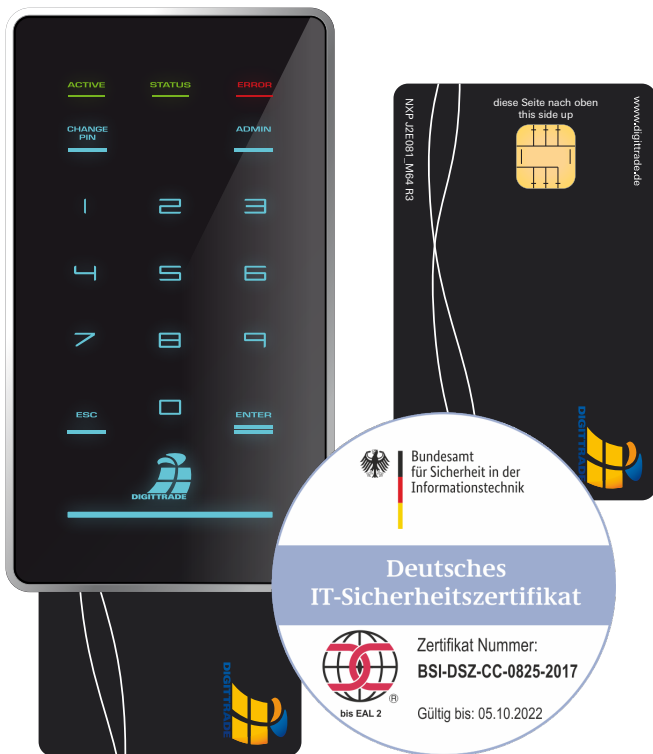


HS256 S3

DIGITTRADE High Security HDD / SSD



Full-Disk Encryption

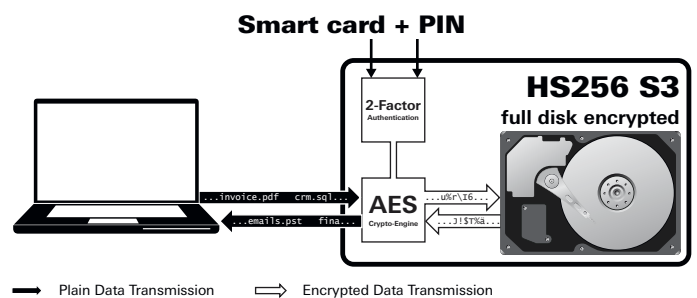
256-bit AES full-disk hardware encryption in XTS mode using two 256-bit crypto keys

Access Control

Two-factor authentication via smartcard and 8-digit PIN according to the principle "having and knowing"

Crypto Key Management

Self management of cryptographic keys:
Create, modify, copy and destroy



Professional solution with BSI certification for authorities and companies

The **HS256 S3** is an external hard disk with hardware encryption. Its design is adapted to the needs of companies and public authorities and is particularly suitable for the secure transport of data and for creating backups.

Security functions:

- Certified 256-bit AES full-disk hardware encryption in XTS mode using two 256-bit crypto keys
- 2-factor authentication with smartcard and 8-digit PIN according to the principle "having and knowing"
- external storage of the crypto-key on smartcard
- Access protection to the smartcard by 8-digit PIN
- Self management of cryptographic keys (creation, modification, copying and destruction)
- all data is automatically encrypted in real-time by the hardware encryption module and stored without delay

Security certificates:

- BSI certification (BSI-DSZ-CC-0825-2017)
- certified encryption module (FIPS 197)
- BSI certified smart card NXP J2E081_M64 R3 (BSI CC EAL5)

Technical information:

- No performance restrictions
- Easy handling, maintenance and support free
- Compatible with USB 3.0 & 2.0
- Operating system independent and bootable
- Read / write speed:
SSD up to 200 MB/s
HDD bis zu 80 MB/s
- Capacities:
HDD: 500GB, 1TB, 2TB and 4TB
SSD: 250GB, 500GB, 1TB, 2TB and 4TB

Optional configurations:

- Laser engraving of logo, inventory numbers, scannable QR codes, designation or similar according to customer specifications
- USB VID, PID & Serial Number



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SecurITy
made
in
Germany