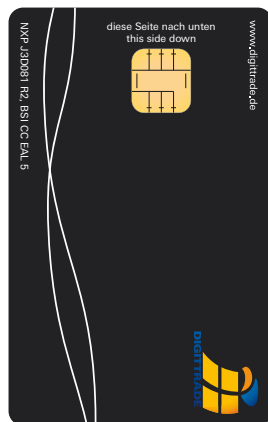


HS256S

DIGITTRADE High Security HDD / SSD



Full-Disk Encryption

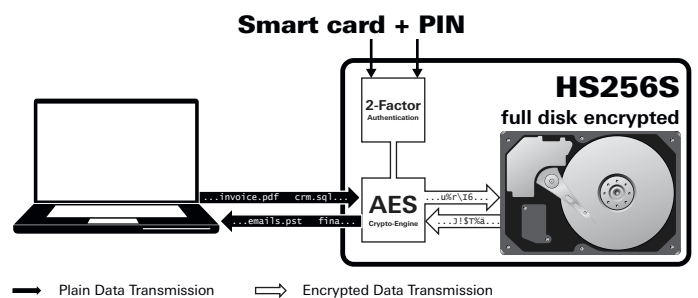
256 bit AES full-disk hardware encryption in CBC mode

Access Control

Two-factor authentication using a smartcard and a 8-digit PIN on the principle of "having and knowing"

Crypto Key Management

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



Professional solution for authorities and companies

The DIGITTRADE **HS256S** is an external hard disk with hardware encryption. It enables the user to meet the strict requirements of the European Data Protection Regulation (EU-DSGVO) regarding the storage of personal and sensitive data.

Security functions:

- Certified (FIPS-197) 256 bit AES full disk hardware encryption in CBC mode
- 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:

- certified encryption module (FIPS 197)
- certified NXP smartcard J2E081 JCOP v2.4.2 R3 EAL5
- certified with the Schleswig-Holstein and European data protection seal of approval EuroPriSe

Technical information:

- No performance restrictions
- Easy handling, maintenance and support free
- Compatible with USB 2.0 & 1.1
- FireWire 100 / 200 / 400 / 800
- Operating system independent and bootable
- Certified NXP smart cards
- Read / write speed:
SSD up to 40 MB/s
HDD up to 40 MB/s
- Capacities:
HDD: 500GB, 1TB, 2TB
SSD: 250GB, 500GB, 1TB, 2TB



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