

DIGITTRADE HS256 HIGH Security HDD

The portable DIGITTRADE HIGH Security HDD is currently the best solution to save data at a high standard of security and mobility. Thanks to the full disk hardware encryption according to the 256 bit AES in CBC mode and the two-factor authentication, by smartcard and 8-digit PIN, the DIGITTRADE HIGH Security HDD combines the benefits of mobile data media with highest security standards for data privacy.

1. Encryption:

During transfer on the HDD, all data is stored in real-time by a 256 bit full disk encryption according to AES in CBC mode.

2. Authentication:

The DIGITTRADE HS256 HIGH Security HDD works with a 2-factor authentication

- *Factor 1 (Having)*
 - o *verifies, if the user has a smartcard with the correct AES key*
- *Factor 2 (Knowing)*
 - o *verifies, if the user knows the correct 8-digit PIN and consequently is authorized to use this smartcard*

Security features:	<ul style="list-style-type: none"> ● 256 bit full disk hardware encryption according to AES in CBC mode ● 2-factor authentication by smartcard and 8-digit PIN code ● AES Key stored separately from the HDD and enclosure on smartcard ● access protection onto the smartcard with the 8-digit PIN ● encryption chip: FIPS-197 certified ● security solution: FIPS-140-2 conform ● smartcard: Atmel CryptoMemory AT88SC014C ● smartcard: Smartcard Oberthur Cosmo 64 v5.4. with FIPS 140-2 Level 3 Certification (optional) ● HS Smartcard Management System (optional)
Special features:	<ul style="list-style-type: none"> ● no restrictions on read and write speed ● independent from operating system ● maintenance und support free ● USB 1.1 / 2.0 & FireWire 100 / 200 / 400 / 800 ● incl. hard case

Product data sheet

Product: HS256
Manufacturer: DIGITTRADE
Capacities: 160 – 1000 GB
Size: 2.5 inch

Product name:
 DIGITTRADE HS256

Short description:
 HS256-500 / 320 / 160

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